

Datasheet for ABIN7555200

## REXO1 Protein (AA 1-1221) (His tag)



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### 3 Images

#### Overview

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Quantity:                     | 1 mg                                         |
| Target:                       | REXO1                                        |
| Protein Characteristics:      | AA 1-1221                                    |
| Origin:                       | Human                                        |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This REXO1 protein is labelled with His tag. |

#### Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:  | Custom-made recombinant REXO1 Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence: | <p>MLRSTGFFRA IDCPYWSGAP GGPCRRPYCH FRHRGARGSG APGDGGEAPP AAGLGYPYNN</p> <p>PELPKPPAQR ENGLTGLGEE PRPDVLELEL VNQAIEAVRS EVELEQRRYR ELLETTREHR</p> <p>SAEAPALAPR GPNASPTVGP DEDAFPLAFD YSPGSHGLLS PDAGYQPTPL AAPAEPGSKY</p> <p>SLASLDRGQG RGGGGGGGALE YVPKAVSQPR RHSRPVPSGK YVDNSRPPT DLEYDPLSNY</p> <p>SARHLSRASS RDERAAKRPR GSRGSEPYTP APKKLCDFPG SCDARFSDSE DEAATVPGNE</p> <p>PTTASTPKAR ADPEIKATGQ PPSKEGLEAE GGGLRETKET AVQCDVGLDQ PPPAKPASPA</p> <p>QVQSSQDGGC PKEGKPKKKK TGAPPAPSCK DGAQGKDKTK DKGRGRPVEK PRADKKGPQA</p> <p>SSPRRKAERP EGTKKKPSSA TPVATSGKGR PDRPARRPSP TSGDSRPAAG RGPPRPLQLP</p> <p>DRKSTKAPSG KLVERKARSL DEGASQDAPK LKKRALSHAD LFGDESEDEA AGPGVPSVWP</p> <p>SALPSLSSDS DSDSDSSLGF PEAQGPPKRL KASPPSPAP SSSSSSSSST SSAGADV DYS</p> <p>ALEKEVDFDS DPMEECLRIF NESTSVKTED RGRLARQPPK EEKSEEKGLS GLTTLPFGQK</p> <p>RRISHLSKQG QEVEPPRRGP AVPPARPPTA QEVCYLRAQQ AQRASASLLQ APARLAEKSP</p> |

Product Details

SVHISAPGEK RRIAHIPNPR LAAAPTGA KR TLAASGSQSS NGPEPGGQQL KTRTLSGMAS  
KTTTTIIPKR IAHSPSLQSL KKPIIPKEFG GKVPTVIRQR YLNLFIEECL KFCTSNQEAI EKALNEEKVA  
YDRSPSKNIY LNVAVNTLKK LRGLAPSAVP GLSKTSGRRV VSHEVVLGGR LAAKTSFSLS  
RPSSPRVEDL KGAALYSRLR EYLLTQDQLK ENGYPFPHPE RPKGAIIFTA EEKRPKDSSC  
RTCCRCGTEY LVSSSGRCIR DEECYYHWGR LRRNRVAGGW ETQYMCCSAA AGSVGCQVAK  
QHVQDGRKER LEGFVKTFEK ELSGDTHPGI YALDCEMS YT YGLELTRVT VVDTDVHV VY  
DTFVKPDNEI VDYNTRFSGV TEADLADTSV TLRDVQAVLL SMFSADTILI GHSLES DLLA  
LKVIHSTVVD TSVLFPHRLG LPYKRSLRNL MADYLRQIIQ DNVDGHSSSE DAGACMHLVI  
WKVREDAKTK R

**Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specificity:     | If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p> |

|         |                                                                                               |
|---------|-----------------------------------------------------------------------------------------------|
| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade:  | custom-made                                                                                   |

Target Details

|                   |                        |
|-------------------|------------------------|
| Target:           | REX01                  |
| Alternative Name: | REX01 (REX01 Products) |

## Target Details

|                   |                                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | RNA exonuclease 1 homolog (EC 3.1.-.-) (Elongin-A-binding protein 1) (EloA-BP1) (Transcription elongation factor B polypeptide 3-binding protein 1),FUNCTION: Seems to have no detectable effect on transcription elongation in vitro. {ECO:0000269 PubMed:12943681}. |
| Molecular Weight: | 131.5 kDa                                                                                                                                                                                                                                                             |
| UniProt:          | <a href="#">Q8N1G1</a>                                                                                                                                                                                                                                                |

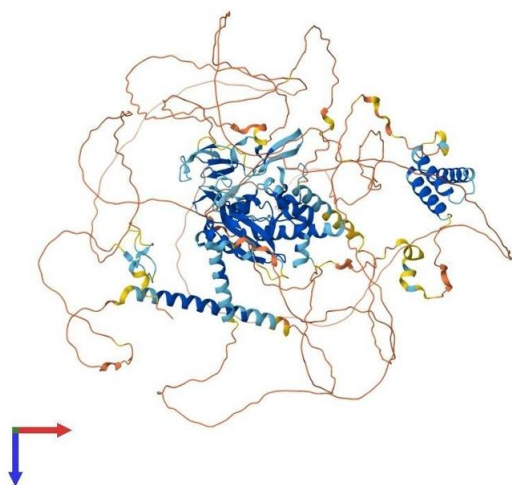
## Application Details

|                    |                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
| Restrictions:      | For Research Use only                                                                                                                                   |

## Handling

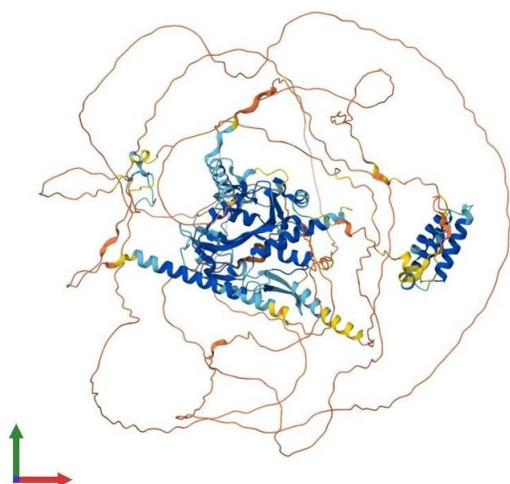
|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Format:          | Liquid                                                           |
| Buffer:          | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles.                               |
| Storage:         | -80 °C                                                           |
| Storage Comment: | Store at -80°C.                                                  |
| Expiry Date:     | 12 months                                                        |

## Images



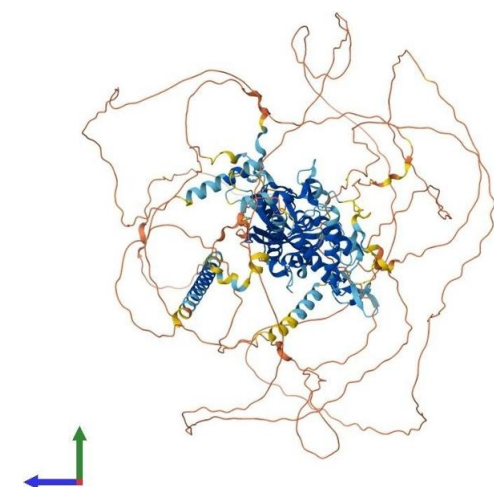
### Protein Structure

**Image 1.** AlphaFold protein structure prediction of Human Recombinant REXO1 Protein, UniprotID Q8N1G1



#### Protein Structure

**Image 2.** AlphaFold protein structure prediction of Human Recombinant REXO1 Protein, UniprotID Q8N1G1



#### Protein Structure

**Image 3.** AlphaFold protein structure prediction of Human Recombinant REXO1 Protein, UniprotID Q8N1G1