

Datasheet for ABIN7555976
UNC45A Protein (AA 1-944) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | UNC45A |
| Protein Characteristics: | AA 1-944 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This UNC45A protein is labelled with His tag. |

Product Details

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|-----------|--|
| Purpose: | Custom-made recombinant UNC45A Protein expressed in mammalian cells. |
| Sequence: | MTVSGPGTPE PRPATPGASS VEQLRKEGNE LFKCGDYGGA LAAYTQALGL DATPQDQAVL HRNRAACHLK LEDYDKAETE ASKAIEKDGG DVKALYRRSQ ALEKLGRLDQ AVLDLQRCVS LEPKNKVFQE ALRNIGGQIQ EKVRYSSTSD AKVEQMFQIL LDPEEKGTEK KQKASQNLVW LAREDAGA EK IFRSNGVQLL QRLDMGETD LMLAALRTL V GICSEHQSRT VATLSILGTR RVVSILGVES QAVSLAACHL LQVMFDALKE GVKKGFRGKE GAIIVDPARE LKVLISNLLD LLETEGVSGQ GRDNALTLI KAVPRKSLKD PNNSLTLWVI DQGLKKILEV GGS LQDPPGE LAVTANSRMS ASILLSKLF D DLKCAEREN FHRLCENYIK SWFEGQGLAG KLRAIQTVSC LLQGPCDAGN RALELSGVME SVIALCASEQ EEEQLVAVEA LIHAAGKAKR ASFITANGVS LLKDLYKCSE KDSIRIRALV GLCKLGSAGG TDFSMKQFAE GSTLKLAKQC RKWLCNDQID AGTRRWAVEG LAYLTFDADV KEEFVEDAAA LKALFQLSRL EERSVLFAVA SALVNCTNSY DYEEPDKMV ELAKYAKQHV PEQHPKDKPS FVRARVKLL AAGVVSAMVC MVKTESPVLT SSCRELLSRV FLALVEEVED RGTVAQGGG RALIPLALEG TDVGQTKAAQ ALAKLTITSN |

Product Details

PEMTFPGERI YEVRPLVSL LHLNCSGLQN FEALMALTNL AGISERLRQK ILKEKAVPMI
EGYMFEEHEM IRRATECMC NLAMSKEVQD LFEAQGNDRL KLLVLYSGED DELLQRAAAG
GLAMLTSMRP TLCSRIQVT THWLEILQAL LLSSNQELQH RGAVVVLNMV EASREIASTL
MESEMMEILS VLAKGDHSPV TRAAAACLDK AVEYGLIQPN QDGE **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: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

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

Grade: custom-made

Target Details

Target: UNC45A

Alternative Name: UNC45A ([UNC45A Products](#))

Background: Protein unc-45 homolog A (Unc-45A) (GCUNC-45) (Smooth muscle cell-associated protein 1) (SMAP-1),FUNCTION: Acts as a co-chaperone for HSP90. Prevents the stimulation of HSP90AB1 ATPase activity by AHSA1. Positive factor in promoting PGR function in the cell. May be necessary for proper folding of myosin (Potential). Necessary for normal cell

Target Details

proliferation. Necessary for normal myotube formation and myosin accumulation during muscle cell development. May play a role in erythropoiesis in stroma cells in the spleen (By similarity). {ECO:0000250, ECO:0000269|PubMed:12119110, ECO:0000269|PubMed:16478993, ECO:0000305}.

Molecular Weight: 103.1 kDa

UniProt: [Q9H3U1](#)

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