

Datasheet for ABIN7546803

CRNKL1 Protein (AA 1-848) (His tag)



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Overview

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|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | CRNKL1 |
| Protein Characteristics: | AA 1-848 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CRNKL1 protein is labelled with His tag. |

Product Details

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|-----------|---|
| Purpose: | Custom-made recombinant CRNKL1 Protein expressed in mammalian cells. |
| Sequence: | <p>MTATVENLTF QKDTLGNAVD KNTSRLELRS YSLAGRHGST EPLVLAWSSQ FRRLTWGCAL</p> <p>DALHRSPCVA ASQHGVTHLI RSSRTPHSTR CRKEDAQPGH HGNGAASVTA QARGQRSVLQ</p> <p>VPLPVPRSCL FSESFVSVS SQSRFLASVP GTGVQRSTAA DMAASTAAGK QRIPKVAKVK</p> <p>NKAPAEVQIT AEQLLREAKE RELELLPPPP QQKITDEEEL NDYKLRKRKT FEDNIRKNRT</p> <p>VISNWKYQAQ WEESLKEIQR ARSIYERALD VDYRNITLWL KYAEMEMKNR QVNHARNIWD</p> <p>RAITTLPRVN QFWYKYTYME EMLGNVAGAR QVFERWMEWQ PEEQAWHSYI NFELRYKEVD</p> <p>RARTIYERFV LVHPDVKNWI KYARFEEKHA YFAHARKVYE RAVEFFGDEH MDEHLYVAFA</p> <p>KFEENQKEFE RVRVIYKYAL DRISKQDAQE LFKNYTIFEK KFGDRRGIED IIVSKRRFQY</p> <p>EEEVKANPHN YDAWFDYLRL VESDAEAEAV REVYERAIAN VPPIQEKRHW KRYIYLWINY</p> <p>ALYEELEAKD PERTRQVYQA SLELIPHKKF TFAKMWILYA QFEIRQKNLS LARRALGTSI</p> <p>GKCPKNKLFK VYIELELQLR EFDRCRKLYE KFLEFGPENC TSWIKFAELE TILGDIDRAR</p> <p>AIYELAISQP RLDMPPEVLWK SYIDFEIEQE ETERTRNLYR RLLQRTQHVK VWISFAQFEL</p> |

Product Details

SSGKEGSLTK CRQIYEEANK TMRNCEEKEE RLMLESWRS FEEFGTASD KERVDKLMPE
KVKKRRKVQT DDGSDAGWEE YFDYIFPEDA ANQPNLKLLA MAKLWKKQQQ EKEDAEHHPD
EDVDESES **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: CRNKL1

Alternative Name: CRNKL1 ([CRNKL1 Products](#))

Background: Crooked neck-like protein 1 (Crooked neck homolog) (hCrn),FUNCTION: Involved in pre-mRNA splicing process (PubMed:11991638, PubMed:12084575, PubMed:28076346, PubMed:28502770). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable). {ECO:0000269|PubMed:11991638, ECO:0000269|PubMed:12084575, ECO:0000269|PubMed:28076346, ECO:0000269|PubMed:28502770, ECO:0000305|PubMed:33509932}.

Target Details

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|-------------------|--|
| Molecular Weight: | 100.5 kDa |
| UniProt: | Q9BZJ0 |
| Pathways: | Ribonucleoprotein Complex Subunit Organization |

Application Details

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| 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

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| 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 |