

Datasheet for ABIN7564486
DIS3L Protein (AA 1-1053) (His tag)



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Overview

Quantity:	1 mg
Target:	DIS3L
Protein Characteristics:	AA 1-1053
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DIS3L protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dis3l Protein expressed in mammalian cells.
Sequence:	MLQKREKVLL LRTFQGRTL R IVREHYLRPS VPCNSPLCPQ PAACRNDGKL LAEVTHYVI PDWKVVQDYI EVLEFPELKG VIFMQTACQA VQHQRGRRQY NKLRNLLKDA RHDCVLFANE FQQHCYLPRE KGEAMEKWQT RSIYNSAVWY YHHCEDRMPI VMVTEDEEAI QKYGSETEGV FVISFKNYLD NFWPDLKAAH DLCDSILQSR RERETESQET HGKEYPEHLP LEVLEAGIKS GRYIQGILNV NKHRAQIEAF VRLHGASSKD SGLVSDILIH GSKARNRSIH GDVVVVEMLP KSEWKGRTAA LGENDSDDKA SGESPSEMP TGRVVGILQK NWRDYVVTFP SKEEVQSQ GK NAQKILVTPW DYRIPKIRIS TQQAELQDF RVVVRIDSW E ATSVYPNGHF VRVLGRIGDL EGEIATILVE NSISVVPFSE AQMCMPVNT PENPWKVSPK EEQERKDLRT THLVFSIDPK GCEDVDDTLS VRTLNNGNLE LGVHIADVTH FVAPNSYIDV EARTRATTTY LADRRYDMLP SILSADLCSL LGGVDRYAVS VMWELDKTSY EIKKVWYGRT IIRSAYKLFY EAAQELLDGN FSIVDDIPEL KALDKQSQA KLEELVWAIG KLTDIARHIR AKRDRCGALE LEGVEVRVQL DDKKNIRDLI PKQPLEVHET VAECMILANH WVAKKIWESF PHQALLRQHP PPHQEFFFSEL

Product Details

RECAKAKGFF IDTRSNKTLA DSLDSANDPK DPLVNKLLRS MATQAMSNAL YFSTGSCAEE
EFHHYGLALD KYTHFTSPIR RYSDIVVHRL LMAAISKDKK MEIKENLFSN KNLEELCRHI
NNRNRAAQRS QKQSTELFQC MYFKDRDAET EERCIADGVI YSIRTNGVLV FIPRFGIKGA
AYLKNKDSLIV ISCGPEGSSE WKPGSLQRSQ NKIISTTAGG QSVTFHFLFDH VTVRISVQAS
RCHSDTIRLE IVSNKPYMIP NTELCHQSSL LKSELVKEVT RSVEEAQLAQ EVKKGVIQEE
HQEYCQTKGR SLYTLLEEIR DLALLDVSDS CAM **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: DIS3L

Alternative Name: Dis3l ([DIS3L Products](#))

Background: DIS3-like exonuclease 1 (EC 3.1.13.1),FUNCTION: Catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity and participates in a multitude of cellular

Target Details

RNA processing and degradation events. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA. {ECO:0000250|UniProtKB:Q8TF46}.

Molecular Weight: 120.3 kDa

UniProt: [Q8C0S1](#)

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