

Datasheet for ABIN7553708
DIS3L Protein (AA 1-1054) (His tag)



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Overview

Quantity:	1 mg
Target:	DIS3L
Protein Characteristics:	AA 1-1054
Origin:	Human
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 IVREHYLRPC VPCHSPLCPQ PAACSHDGKL LSSDVTHYVI PDWKVVQDYI EILEFPELKG IIFMQTACQA VQHQRGRRQY NKLRNLLKDA RHDCILFANE FQCCYLPRE RGESEMEKWQT RSIYNAAVWY YHHCQDRMPI VMVTEDEEAI QQYGSETEGV FVITFKNYLD NFWPDLKAAH ELCDSILQSR RERENESQES HGKEYPEHLP LEVLEAGIKS GRYIQGILNV NKHRAQIEAF VRLQGASSKD SDLVSDILIH GMKARNRSIH GDVVVVWELLP KNEWKGRTVA LCENDCDDKA SGESPSEMP TGRVVGILQK NWRDYVVTFP SKEEVQSQGK NAQKILVTPW DYRIPKIRIS TQQAETLQDF RVVVRIDSWE STSVYPNGHF VRVLGRIGDL EGEIATILVE NSISVIPFSE AQMCEMPVNT PESPWKVSPE EEQKRKDLRK SHLVFSIDPK GCEDVDDTLS VRTLNNGNLE LGVHIADVTH FVAPNSYIDI EARTRATTYY LADRRYDMLP SVLSADLCSL LGGVDRYAVS IMWELDKASY EIKKVWYGRT IIRSAYKLFY EAAQELLDGN LSVVDDIPEF KDLDEKSRQA KLEELVWAIG KLTDIARHVR AKRDGCGALE LEGVEVCVQL DDKKNIHDLI PKQPLEVHET VAECMILANH WVAKKIWESF PHQALLRQHP PPHQEFFFSEL

Product Details

RECAKAKGFF IDTRSNKTLA DSLDNANDPH DPIVNRLRS MATQAMSNAL YFSTGSCAEE
EFHHYGLALD KYTHFTSPIR RYSDIVVHRL LMAAISKDKK MEIKGNLFSN KDLEELCRHI
NNRNQAAQHS QKQSTELFQC MYFKDKDPAT EERCISDGI YSIRTINGVLL FIPRFGIKGA
AYLKNKDGLV ISCGPDCSE WKPGLQRFQ NKITSTTTDG ESVTFHLFDH VTVRISIQAS
RCHSDTIRLE IISNKPYKIP NTELIHQSSP LLKSELVKEV TKSVEEAQLA QEVKVNIIQE
EYQEYRQTKG RSLYTLLEEI RDLALLDVS N NYGI **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 (PubMed:20531386, PubMed:20531389, PubMed:37602378). 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 (PubMed:20531386, PubMed:20531389). {ECO:0000269|PubMed:20531386, ECO:0000269|PubMed:20531389, ECO:0000269|PubMed:37602378}.

Molecular Weight: 120.8 kDa

UniProt: [Q8TF46](#)

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