

Datasheet for ABIN7553693
DIS3L2 Protein (AA 1-885) (His tag)



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Overview

Quantity:	1 mg
Target:	DIS3L2
Protein Characteristics:	AA 1-885
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DIS3L2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DIS3L2 Protein expressed in mammalian cells.
Sequence:	<p>MSHPDYRMNL RPLGTPRGVS AVAGPHDIGA SPGDKKSKNR STRGKKKSIF ETYMSKEDVS EGLKRGTLIQ GVLRLNPKKF HEAFIPSPDG DRDIFIDGVV ARNRALNGDL VVVKLLPEEH WKVVKPESND KETEAAYESD IPEELCGHHL PQQSLKSYND SPDVIVEAQF DGSDSEDGHG ITQNVLVDGV KKLSVCVSEK GREDGDAPVT KDETTTCISQD TRALSEKSLQ RSAKVVIILE KKHSRAATGF LKLLADKNSE LFRKYALFSP SDHRVPRIYV PLKDCPQDFV ARPKDYANTL FICRIVDWKE DCNFALGQLA KSLGQAGEIE PETEGILTEY GVDFSDFSSE VLECLPQGLP WTIPPEEFSK RRDLRKDCIF TIDPSTARDL DDALSCKPLA DGNFKVGVHI ADVSYFVPEG SDLDKVAER ATSVYLVQKV VPMLPRLLCE ELCSLNPMMSD KLTFSVIWT L TPEGKILDEW FGRTIIRSCT KLSYEHAQSM IESPTTEKIPA KELPPISPEH SSEEVHQAVL NLHGIKQLR QQRFDGALR LDQLKLAFTL DHETGLPQGC HIYEYRESNK LVEEFMLLAN MAVAHKIHRA FPEQALLRRH PPPQTRMLSD LVEFCDQMGL PVDFSSAGAL NKSLTQTFGD DKYSLARKEV LTNMCSRPMQ MALYFCSGLL QDPAQFRHYA LNVPLYTHFT SPIRRFADV L VHRLLAAALG</p>

Product Details

YRERLDMAPD TLQKQADHCN DRRMASKRVQ ELSTSLFFAV LVKESGPLES EAMVMGILKQ
AFDVLVLRYG VQKRIYCNAL ALRSHHFQKV GKKPELTLVW EPEDMEQEPA QQVITIFSLV
EVLQAESTA LKYSAILKRP GTQGHLGPEK EEEESDGEPE DSSTS **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: DIS3L2

Alternative Name: DIS3L2 ([DIS3L2 Products](#))

Background: DIS3-like exonuclease 2 (hDIS3L2) (EC 3.1.13.-),FUNCTION: 3'-5'-exoribonuclease that specifically recognizes RNAs polyuridylated at their 3' end and mediates their degradation. Component of an exosome-independent RNA degradation pathway that mediates degradation of both mRNAs and miRNAs that have been polyuridylated by a terminal uridylyltransferase, such as ZCCHC11/TUT4. Mediates degradation of cytoplasmic mRNAs that have been

Target Details

deadenylated and subsequently uridylated at their 3'. Mediates degradation of uridylated pre-let-7 miRNAs, contributing to the maintenance of embryonic stem (ES) cells. Essential for correct mitosis, and negatively regulates cell proliferation. {ECO:0000255|HAMAP-Rule:MF_03045, ECO:0000269|PubMed:23756462, ECO:0000269|PubMed:24141620}.

Molecular Weight: 99.3 kDa

UniProt: [Q8IYB7](#)

Pathways: [Stem Cell Maintenance](#)

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