

Datasheet for ABIN7553665
DHX8 Protein (AA 1-1220) (His tag)



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Overview

Quantity:	1 mg
Target:	DHX8
Protein Characteristics:	AA 1-1220
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DHX8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DHX8 Protein expressed in mammalian cells.
Sequence:	MAVAVAMAGA LIGSEPGPAE ELAKLEYLSL VSKVCTELDN HLGINDKDLA EFVISLAEKN TTFDTFKASL VKNGAFTDS LISNLLRLIQ TMRPPAKPST SKDPVVKPKT EKEKLELFP VLCQPDNPSV RTMLDEDDVK VAVDVLKELE ALMPAAGQE QQRDAEHRDR TTKKKRSRSR DRNRDRDRDR ERNRDRDHKR RHRRSRSRSR RTRERNKVKS RYRSRSRSQS PPKDRKDRDK YGERNLDRWR DKHVDRPPE EPTIGDIYNG KVTSIMQFGC FVQLEGLRKR WEGLVHISEL RREGRVANVA DVVSKGQRVK VKVLSFTGTK TSLSMKDVDQ ETGEDLNPNR RRNLVGETNE ETSMRNPDRP THLSLVSAPPE VEDDSLKERK LTRISDPEKW EIKQMIAANV LSKEEFPDFD EETGILPKVD DEEDEDLEIE LVEEPPFLR GHKQKSMQMS PIKIVKNPDG SLSQAAMMQS ALAKERRELK QAQREAEMDS IPMGLNKHVV DPLPDAEGRQ IAANMRGIGM MPNDIPEWKK HAFGGNKASY GKKTQMSILE QRESLPIYKL KEQLVQAVHD NQILVIGET GSGKTTQITQ YLAEAGYTSR GKIGCTQPRR VAAMSVAKRV SEEFGCCLGQ EVGYTIRFED CTSPETVIKY MTDGMLLREC LIDPDLTQYA IIMLDEAHER TIHTDVLFLGL LKKTQVQKRQD MKLIVTSATL

Product Details

DAVKFSQYFY EAPIFTIPGR TYPVEILYTK EPETDYLDAS LITVMQIHLT EPPGDILVFL
TGQEEIDTAC EILYERMKSL GPDVPELIIL PVYSALPSEM QTRIFDPAPP GSRKVVIATN
IAETSLTIDG IYYVVDPGFV KQKVYNSKTG IDQLVVTPIS QAQAKQRAGR AGRTGPGKCY
RLYTERAYRD EMLTTNVPEI QRTNLAStVL SLKAMGINDL LSFDFMDAPP METLITAMEQ
LYTLGALDDE GLLTRLGRRM AEFPLEPMLC KMLIMSVHLG CSEEMLTIVS MLSVQNVFYR
PKDKQALADQ KKAKFHQTEG DHLTLLAVYN SWKNNKFSNP WCYENFIQAR SLRRAQDIRK
QMLGIMDRHK LDVSCGKST VrvQKAICSG FFRNAAKKDP QEGYRTLIDQ QVVYIHPSSA
LFNRQPEWVV YHELVLTtKE YMREvTTIDP RwlVEFAPAF FKvSDPTKLS KQKKQQRLEP
LYNRYEEPNA WRISRAFRRR **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: DHX8

Alternative Name: DHX8 ([DHX8 Products](#))

Target Details

Background: ATP-dependent RNA helicase DHX8 (EC 3.6.4.13) (DEAH box protein 8) (RNA helicase HRH1),FUNCTION: Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28502770, PubMed:28076346). Facilitates nuclear export of spliced mRNA by releasing the RNA from the spliceosome (PubMed:8608946).
{ECO:0000269|PubMed:11991638, ECO:0000269|PubMed:28076346, ECO:0000269|PubMed:28502770, ECO:0000269|PubMed:8608946}.

Molecular Weight: 139.3 kDa

UniProt: [Q14562](#)

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