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Datasheet for ABIN7553661

DDX12P Protein (AA 1-950) (His tag)

Overview

Quantity:	1 mg
Target:	DDX12P
Protein Characteristics:	AA 1-950
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDX12P protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat DDX12P Protein expressed in mammalien cells.
Sequence:	MRSGGGCSGS LSLRGPASFK FSGVCPDSRG LAFSVAILPA KKEDFMAELY RVLEAGKIGI FESPTGTGKS LSLICGALSW LRDFEQKKRE EEARLLETGT GPLHDEKDES LCLSSSCEGA AGTPRPAGEP AWVTQFVQKK EERDLVNRLK AEQARRKQRE ERLQQLQHRV QLKYYAAKRLR QEEEEERENLL RLSREMLETG PEAPERPELE SGEEELVLAE YESDEEKKVA SGVDEDEDL EEEHITKIYH CSRTHSQAQ FVHEVKKSPF GKDVRLVSLG SRQNLVCNED VRSLGVSQLI NNRCVDMQRS RHEKKKGAE EKPKRQRQEK QAACPFYNHE QMGLLRDEAL AEVKDMEQLL ALGKEARACP YYGSRLAIPA AQLVVLPHYQM LLHAATRQAA GIRLQDQVVI IDEAHNLIDT TTSMHSVEVS GSQLCQAHSQ LLQYMERYGK RLKAKNLMYL KQILYLLEKF VAVLGGNIQK NPNTQSLSQT GMELKTINDF LFQSQIDNIN LFKVQRYCEK SMISRKLFQGF TERYGAVFSS REQPKLAGFQ QFLQSLQPRTEALAAPADE SQASVPQPAS PLMHIEGFLA ALTTANQDGR VILSRQGSLS QSTLKFULLN PAVHFAQVVK ECRAVVIAGG TMQPVSNFRQ QLLACAGVEA

Product Details

ERVVEFSCGH VIPPDNLLPL VICSGVSNQP LEFTFQKRDL PQMMDEVGRI LCNLCGWVSG
GVVCCFFPSYE YLRQVHAHWE KGGLLGRLLAA RKKIFQEPKS AHQVEQVLLA YSRCLQACGQ
ERGPVTGALL LSVVGGKMSE GINFSDNLGR CVVMVGMPPF NIRSALQEK MAYLDQTLPR
APGQAHPGKA LVENLCMKAV NQSIGRAIRH QKDFASIVLL DQRYARPPVL AKLPAWIRAR
VEVKATFGPA IAAVQKVSPT FFFLRASQPR DHISHCLLSA QFHREKSASS **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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

DDX12P

Alternative Name:

DDX12P

Background:

Putative ATP-dependent RNA helicase DDX12 (EC 3.6.4.13) (CHL1-related protein 2) (hCHLR2) (DEAD/H box protein 12),FUNCTION: DNA helicase involved in cellular proliferation. Probably required for maintaining the chromosome segregation (By similarity). {ECO:0000250}.

Molecular Weight:

106.0 kDa

Target Details

UniProt: [Q92771](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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