

Datasheet for ABIN7553641

DDX31 Protein (AA 1-851) (His tag)



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Overview

Quantity:	1 mg
Target:	DDX31
Protein Characteristics:	AA 1-851
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDX31 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat DDX31 Protein expressed in mammalian cells.
Sequence:	<p>MAPDLASQRH SESFPSVNSR PNVILPGREG RREGLPPGGG TRGSLVPTRP VPPSPAPLGT</p> <p>SPYSWSRSGP GRGGGAGSSR VPRGVPGPV CAPGSLHHA SPTQTMAAAD GSLFDNPRTF</p> <p>SRRPPAQASR QAKATKRKYQ ASSEAPPAKR RNETSFLPAK KTSVKETQRT FKGNAQKMFS</p> <p>PKKHSVSTSD RNQEERQCIK TSSLFKNPNP IPELHRPVVK QVQEKVFTSA AFHELGLHPH</p> <p>LISTINTVLK MSSMTSVQKQ SIPVLLEGRD ALVRSQTGSG KTLAYCIPVV QSLQAMESKI</p> <p>QRSDGPYALV LVPTRELALQ SFDTVQKLLK PFTWIVPGVL MGGEKPKSEK ARLRKGINIL</p> <p>ISTPGRLVDH IKSTKNIHFS RLRWLVFDEA DRILDGFEEK DITVILNAV N AECQKRQNVL</p> <p>LSATLTEGVT RLADISLHDP VSISVLDSKSH DQLNPKDKAV QEVCPPPAGD KLDSFAIPES</p> <p>LKQHVTVPVPS KLRLVCLA AF ILQKCKFEED QKMVVFSSC ELVEFHYSLF LQTLSSSGA</p> <p>PASGQLPSAS MRLKFLRLHG GMEQEERTAV FQEFHSRRG VLLCTDVAAR GLDLPQVTWI</p> <p>VQYNAPSSPA EYIHRIGRTA RIGCHGSSLL ILAPSEAEYV NSLASHKINV SEIKMEDILC</p>

VLTRDDCFKG KRWGAQKSHA VGPQEIRERA TVLQTVFEDY VHSSERRVSW AKKALQSFIQ
AYATYPRELK HIFHVRSLHL GHVAKSFGLR DAPRNLSALT RKKRKAHVKR PDLHKKTQSK
HSLAEILRSE YSSGMEADIA KVKKQNAPGE PGG RPLQHS L QPTPCFGRGK TLKWRKTQKG
VQRDSKTSQK V **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:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	DDX31
Alternative Name:	DDX31 (DDX31 Products)
Background:	Probable ATP-dependent RNA helicase DDX31 (EC 3.6.4.13) (DEAD box protein 31) (Helicain),FUNCTION: Probable ATP-dependent RNA helicase (By similarity). Plays a role in ribosome biogenesis and TP53/p53 regulation through its interaction with NPM1 (PubMed:23019224). {ECO:0000250, ECO:0000269 PubMed:23019224}.
Molecular Weight:	94.1 kDa
UniProt:	Q9H8H2

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.
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Restrictions:	For Research Use only
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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