

Datasheet for ABIN7557978

DDX31 Protein (AA 1-687) (His tag)



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Overview

Quantity:	1 mg
Target:	DDX31
Protein Characteristics:	AA 1-687
Origin:	Mouse
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:	MKRQAEATKR KHQVSSDAPP AKRRSEISSV LAKKASDKET QRTFKGSTHK TFPPKKYLDL IGNGRQEEKP CIKTSSLFKN NPEIPELHST VVKQAREQVF SPEAFQELDL HPHLISTINT VLKMSSMTSV QKQSIPLLE GRDALVRSQT GSGKTLAYCV PVVQSLQALT SKIQRSDGPY ALVLVPTREL ALQSFDTVQK LLKPFTWIVP GVLMGGEKRG SEKARLRKGI NILISTPGRL VDHKSTKNL HFNRIWLIV DEADRIDLG FEKDITVILN AVNAECQKRQ NVLLSATLTE GVTRLVDISL HNPVSISVLD KNCNQPNPKE VASIQNLNSFA IPESLDQHVV LVPSKLRLVC LAAFILQKCK FEKNQKMIVF FSSCELVFHL YSLFLHTLLC HSGTPTSEHL PSASWPLKFL RLHGNMEQEE RTSVFHEFSH SETGVLLCTD VASRGLDLPQ VTWIVQYSAP SSPAEYIHRI GRTARIGCHG SLLILAPSE AEYVNSLASH KINVGEIKME DILAVLAKDD CFKRRQRGAQ KSRASGPQEI RERATVLQTV FEDYVHSSQR MVSWAKKALQ SFIRAYATYP KELKSIFHVR ALHLGHVAKS FGLRDAPRNL SVSAVKKASL KRPHPRRTQ RKQHLVPAEV LHSEHSSGLE

GGATKCRKQG KQQGLQVAPS KPGPWRE **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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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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),FUNCTION: Probable ATP-dependent RNA helicase (By similarity). Plays a role in ribosome biogenesis and TP53/p53 regulation through its interaction with NPM1 (By similarity). {ECO:0000250 UniProtKB:Q9H8H2}.
Molecular Weight:	76.9 kDa
UniProt:	Q6NZQ2

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