

Datasheet for ABIN7559527

DDX52 Protein (AA 1-598) (His tag)



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Overview

Quantity:	1 mg
Target:	DDX52
Protein Characteristics:	AA 1-598
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDX52 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ddx52 Protein expressed in mammalian cells.
Sequence:	<p>MDSYDLFRRL GAGAKFDVCR FSADATRFQV GKRKFDSESL EVLKGLDFFG NKKSVSDECG ALQIHQEPNN EEKTQGVLL RSKEPKKKKR KKMTSEVPAQ EDFDGGIQT SSVEAKLQDE KVSGEKKLTS GKLEHLRKEK VNFFRNKHKI HVQGTDLDPD IATFQQLDQE YKINSRLLQN ILDAGFQVPT PIQMQAIPVM LHGRELLASA PTGSGKTLAF SIPILMQLKQ PTNKGFRALV ISPTRELASQ IHRELKISE GTGFRIHMIH KAAIAAKKFG PKSSKKFDIL VTTPNRLIYL LKQDPPGIDL TNVEWLVDDE SDKLFEDGKT GFREQLASIF LACTSPKVRR AMFSATFAYD VEQWCKLNLD NVVSVSIGAR NSAVETVEQE LLFVGSETGK LLAMRELVKK GFKPPVLVHV QSIERAKELF HELIYEGINV DVIHAERTQQ QRDNTVHSFR AGKIWVLICT ALLARGIDFK GVNVLVINYDF PTSSVEYIHR IGRTRAGNR GKAVTFFTED DKPLLRVAN VIQAGGCPVP EYIKGFQKLL SKQKKKMIKK PLERESICTT PKYFLEQAKQ KKVAGQNSKK KETLKEKS Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a</p>

different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	<p>Key Benefits:</p> <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>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	DDX52
Alternative Name:	Ddx52 (DDX52 Products)
Background:	Probable ATP-dependent RNA helicase DDX52 (EC 3.6.4.13) (ATP-dependent RNA helicase ROK1-like) (DEAD box protein 52),FUNCTION: Required for efficient ribosome biogenesis. May control cell cycle progression by regulating translation of mRNAs that contain a terminal oligo pyrimidine (TOP) motif in their 5' UTRs, such as GTPBP4. {ECO:0000250 UniProtKB:Q9VVK8}.
Molecular Weight:	67.5 kDa
UniProt:	Q8K301

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
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Application Details

	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