

Datasheet for ABIN7547084

DDX52 Protein (AA 1-599) (His tag)



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Overview

Quantity:	1 mg
Target:	DDX52
Protein Characteristics:	AA 1-599
Origin:	Human
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>MDVHDLFRRL GAGAKFDTRR FSADAARFQI GKRKYDFDSS EVLQGLDFFG NKKSVPGVCG</p> <p>ASQTHQKPQN GEKKEESL TE RKREQSKKKR KTMTSEIASQ EEGATIQWMS SVEAKIEDKK</p> <p>VQRESKLTSG KLENLRKEKI NFLRNKHKIH VQGTDLDPDI ATFQQLDQEY KINSRLLQNI</p> <p>LDAGFQMPTP IQMQAIPVML HGRELLASAP TGSGKTLAFS IPILMQLKQP ANKGFRALII</p> <p>SPTRELASQI HRELKISEG TGFRIHMIHK AAVAACKFGP KSSKKFDILV TTPNRLIYLL</p> <p>KQDPPGIDLA SVEWLVDDES DKLFEKGKGTG FRDQLASIFL ACTSHKVRRA MFSATFAYDV</p> <p>EQWCKLNLDN VISVIGARN SAVETVEQEL LFGVSETGKL LAVRELVKKG FNPPVLVFVQ</p> <p>SIERAKELFH ELIYEGINVD VIHAERTQQQ RDNTVHSFRA GKIWVLICTA LLARGIDFKG</p> <p>VNLVINYDFP TSSVEYIHRI GRTGRAGNKG KAITFFTEDD KPLLRVANV IQQAGCPVPE</p> <p>YIKGFQKLLS KQKKKMIKKP LERESISTTP KCFLEKAKDK QKKVTGQNSK KKVALEDKS Sequence</p> <p>without tag. The proposed Purification-Tag is based on experiences with the expression</p>

system, a 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:	<p>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 (By similarity). 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 (By similarity). {ECO:0000250 UniProtKB:Q9VVK8}.</p>
Molecular Weight:	67.5 kDa
UniProt:	Q9Y2R4

Application Details

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

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