

Datasheet for ABIN7560199

## DDX27 Protein (AA 1-760) (His tag)



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### Overview

Quantity:	1 mg
Target:	DDX27
Protein Characteristics:	AA 1-760
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDX27 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Ddx27 Protein expressed in mammalian cells.
Sequence:	<p>MLAELGFIRT IGENDVPVE PESDSGDEEE EGPIVLGRKQ KALQKNRSAD FNPDFVFTEK</p> <p>EGMYDGSWAL ADVMSQLKKK RAATTLDEKI EKVRKRRKAE DKEAKSGKVE EKEGQADSDL</p> <p>KGQENPGEDE AGSKDEDESET DYSSDEEIL TKADTLKVKE KKKKKKQAA GGFFEDASEY</p> <p>DKSLSFQDMN LSRPLLKAIT AMGFKQPTPI QKACIPVGLL GKDICACAAAT GTGKTAAFAL</p> <p>PVLERLIYKP RQAAVTRVLV LVPTRELGIQ VHSVTKQLAQ FCSITTCLAV GGLDVKSQEA</p> <p>ALRAAPDILI ATPGRLIDHL HNCPSFHLSS IEVLILDEAD RMLDEYFEEQ MKEIIRMCSH</p> <p>HRQTMLFSAT MTDEVKDLAS VSLKNPVRIF VNSNTDVAPF LRQEFIRIRP NREGDREAIV</p> <p>AALLMRTFTD HVMLFTQTKK QAHRMHILLG LLGLQVGELH GNLSQTQRLE ALRRFKDEQI</p> <p>DILVATDVAA RGLDIEGVKT VINFTMPNTV KHYVHRVGRT ARAGRAGRSV SLVGEEERKM</p> <p>LKEIVKAAKA PVKARILPD VILKFRDKIE KLEKDVYAVL QLEAEEKEMQ QSEAQIDTAQ</p> <p>RLAKGKETA DQEPERSWFQ TKEERKKEKI AKALQEFDLA LRGKKKRKKF MKDAKKKGEM</p>

Product Details

TAEERSQFEI LKAQMFAERL AKRNRRTKRA RAMPEDPTG PAKKQKQQQK SVFDEELTNT  
SKKALKQYRA GPSFEERKQS GLPRQRRGNF KSKSRYKRKK **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"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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
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Grade:	custom-made
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Target Details

Target:	DDX27
Alternative Name:	Ddx27 (DDX27 Products)
Background:	Probable ATP-dependent RNA helicase DDX27 (EC 3.6.4.13) (DEAD box protein 27),FUNCTION: Probable ATP-dependent RNA helicase. Component of the nucleolar ribosomal RNA (rRNA) processing machinery that regulates 3' end formation of ribosomal 47S rRNA. {ECO:0000250 UniProtKB:Q96GQ7}.
Molecular Weight:	85.9 kDa
UniProt:	Q921N6

## 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