

Datasheet for ABIN7547036

## DDX28 Protein (AA 1-540) (His tag)



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### Overview

Quantity:	1 mg
Target:	DDX28
Protein Characteristics:	AA 1-540
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDX28 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat DDX28 Protein expressed in mammalian cells.
Sequence:	<p>MALTRPVRLF SLVTRLLLAP RRGLTVRSPD EPLPVVRIPV ALQRQLEQRQ SRRRNLP RPV  LVRPGPLLVS ARRPELNQPA RLT LGRWERA PLASQGWKSR RARRDHFSIE RAQQEAPAVR  KLSSKGSFAD LGLEPRVLHA LQEAAPVVQ PTTVQSSTIP SLLRGRHVVC AAETGSGKTL  SYLLPLLQRL LGQPSLDSLP IPAPRGLVLV PSRELAQQVR AVAQPLGRSL GLLVRDLEGG  HGMRRIRLQL SRQPSADVLV ATPGALWKAL KSRLISLEQL SFLVLDEADT LLDSEFLELV  DYILEKSHIA EGPADLEDPF NPKAQLVLVG ATFPEGVGQL LNKVASPDAV TTITSSKLHC  IMPHVKQTFL RLKGADKVAE LVHILKHRDR AERTGPSGTV LVFCNSSSTV NWLGYILDDH  KIQHLRLQGQ MPALMRVGIF QSFQKSSRDI LLCTDIASRG LDSTGVELVV NYDFPPTLQD  YIHRAGRVGR VGSEVPGTVI SFVTHPWDVS LVQKIELAAR RRRSLPGLAS SVKEPLPQAT</p> <p><b>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.</b></p>

### 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.

#### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

#### Grade:

custom-made

## Target Details

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#### Target:

DDX28

#### Alternative Name:

DDX28 ([DDX28 Products](#))

#### Background:

Probable ATP-dependent RNA helicase DDX28 (EC 3.6.4.13) (Mitochondrial DEAD box protein 28),FUNCTION: Plays an essential role in facilitating the proper assembly of the mitochondrial large ribosomal subunit and its helicase activity is essential for this function (PubMed:25683708, PubMed:25683715). May be involved in RNA processing or transport. Has RNA and Mg(2+)-dependent ATPase activity (PubMed:11350955). {ECO:0000269|PubMed:11350955, ECO:0000269|PubMed:25683708, ECO:0000269|PubMed:25683715}.

#### Molecular Weight:

59.6 kDa

#### UniProt:

[Q9NUL7](#)

## 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