

Datasheet for ABIN7556041
WDR36 Protein (AA 1-951) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	WDR36
Protein Characteristics:	AA 1-951
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WDR36 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WDR36 Protein expressed in mammalian cells.
Sequence:	MCCTEGLRK RDSQRAPEAV LCLQLWQRTV PLDTLKGLGT CFPSPGPELRG AGIAAAMERA SERRTASALF AGFRALGLFS NDIPHVVRFS ALKRRFYVTT CVGKSFHTYD VQKLSLVAVS NSVPQDICCM AADGRLVFAA YGNVFSAFAR NKEIVHTFKG HKAEIHFLQP FGDHISVDT DGILIIWHIY SEEEYLQLTF DKSVFKISAI LHPSTYLNKI LLGSEQGSLQ LWNVKS NKLL YTFPGWKVGV TALQQAPAVD VVAIGLMSGQ VIIHNIKFN TLMKFRQDWG PITSISFR TD GHPVMAAGSP CGHIGLWDL EDKKLINQMRN AHSTAIAGLT FLHREPLLVT NGADNALRIW IFDGPTGEGR LLRFRMGHSA PLTNIRYYGQ NGQQILSASQ DGT LQSFSTV HEKFNKSLGH GLINKKRVKR KGLQNTMSVR LPPITKFAAE EARESDWDGI IACHQKLS C STWNYQKSTI GAYFLKPKEL KKDDITATAV DITSCGNFAV IGLSSGTVDV YNMQSGIHRG SFGKDQAHKG SVRGVAVDGL NQLTVTTGSE GLLKFWNFKN KILHSVSLS SSPNIMLLHR DSGILGLALD DFSISVLDIE TRKIVREFSG HQGQINDMAF SPDGRWLISA AMDCSIRTWD LPSGCLIDCF LLDSAPLNVS MSPTGDFLAT SHVDHLGIYL WSNISLYSVV SLRPLPADYV PSIVMLPGTC

Product Details

QTQDVEVSEE TVEPSDELIE YDSPEQLNEQ LVTLSELLPES RWKNLLNLDV IKKKNKPKPEP
PKVPKSAPFF IPTIPGLVPR YAAPEQNNDP QQSKVVNLGV LAQKSDFCCLK LEEGLVNNKY
DTALNLLKES GPSGIETELR SLSPDCGGSI EVMQSFLKMI GMMLDRKRDF ELAQAYLALF
LKLHLKMLPS EPVLLLEEITN LSSQVEENWT HLQSLFNQSM CILNYLKSAL L **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: WDR36

Alternative Name: WDR36 ([WDR36 Products](#))

Background: WD repeat-containing protein 36 (T-cell activation WD repeat-containing protein) (TA-WDRP),FUNCTION: Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with

Target Details

the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome. Involved in the nucleolar processing of SSU 18S rRNA (PubMed:34516797, PubMed:21051332). Involved in T-cell activation and highly coregulated with IL2 (PubMed:15177553). {ECO:0000269|PubMed:15177553, ECO:0000269|PubMed:21051332, ECO:0000269|PubMed:34516797}.

Molecular Weight: 105.3 kDa

UniProt: [Q8NI36](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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