

Datasheet for ABIN7545192
WDR75 Protein (AA 1-830) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | WDR75 |
| Protein Characteristics: | AA 1-830 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This WDR75 protein is labelled with His tag. |

Product Details

| | |
|-----------|--|
| Purpose: | Custom-made recombinant WDR75 Protein expressed in mammalian cells. |
| Sequence: | MVEEENIRVV RCGGSELNFR RAVFSADSKY IFCVSGDFVK VYSTVTEECV HILHGHRNLV TGIQLNPNNH LQLYSCSLDG TIKLWDYIDG ILIKTFIVGC KLHALFTLAQ AEDSVFVIVN KEKPDIFQLV SVKLPKSSSQ EVEAKELSFV LDYINQSPKC IAFGNEGYYV AAVREFYLSV YFFKKKTTSR FTLSSSRNKK HAKNNFTCVA CHPTEDCIAS GHMDGKIRLW RNFYDDKKYT YTCLHWHHDM VMDLAFSVTG TSLLSGGRES VLVEWRDATE KNKEFLPRLG ATIEHISVSP AGDLFCTSHS DNKIIIIHRN LEASAVIQGL VKDRSIFTGL MIDPRTKALV LNGKPGHLQF YSLQSDKQLY NLDIIQQEYI NDYGLIQIEL TKAAFGCFGN WLATVEQRQE KETELELQMK LWMYNKKTQG FILNTKINMP HEDCITALCF CNAEKSEQPT LVTASKDGYF KVVILTDDSD IYKKAAGWTC DFVGSYHKYQ ATNCCFSEDG SLLAVSFEEI VTIWDSVTWE LKCTFCQRAG KIRHLFCGRL TCSKYLLGAT ENGILCCWNL LSCALEWNAK LNVRVMEPDP NSENIAAISQ SSVGSDFLVF KPSEPRPLYI QKGISREKVQ WGVFVPRDVP ESFTSEAYQW LNRSQFYFLT KSQSLTFST KSPEEKLTPPT SKQLLAEESL PTTPFYFILG KHRQQQDEKL NETLENELVQ |

Product Details

LPLTENIPAI SELLHTPAHV LPSAAFLCSM FVNSLLLSKE TKSACEIPED VDMEEKESE
DSDEENDFTE KVQDTSNTGL GEDIIHQLSK SEEKELRKFR KIDYSWIAAL **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: WDR75

Alternative Name: WDR75 ([WDR75 Products](#))

Background: WD repeat-containing protein 75 (U3 small nucleolar RNA-associated protein 17 homolog),FUNCTION: Ribosome biogenesis factor. 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 the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of

Target Details

pre-ribosomal RNA by the RNA exosome. Involved in nucleolar processing of pre-18S ribosomal RNA. Required for optimal pre-ribosomal RNA transcription by RNA polymerase I.
{ECO:0000269|PubMed:17699751, ECO:0000269|PubMed:34516797}.

Molecular Weight: 94.5 kDa

UniProt: [Q8IWA0](#)

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