

Datasheet for ABIN7545128
WDR3 Protein (AA 1-943) (His tag)



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Overview

Quantity:	1 mg
Target:	WDR3
Protein Characteristics:	AA 1-943
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WDR3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WDR3 Protein expressed in mammalian cells.
Sequence:	MGLTKQYLRY VASAVFGVIG SQKGNIVFVT LRGEKGRYVA VPACHEVFIW DLRKGEKILI LQGLKQEVTC LCPSPDGLHL AVGYEDGSIR IFSLLSGEGN VTFNGHKA AI TTLKYDQLGG RLASGSKDTD IIVWDVINES GLYRLKGHKD AITQALFLRE KNLLVTSGKD TMVKWWDLDT QHCFKTMVGH RTEVWGLVLL SEEKRLITGA SDSELRVWDI AYLQEIEDPE EPDPKKIKGS SPGIQDTLEA EDGAFETDEA PEDRILSCRK AGSIMREGRD RVVNLAVDKT GRILACHGTD SVLELFCILS KKEIQKKMDK KMKKARKKAK LHSSKGEEED PEVNVEMSLQ DEIQRVTNIK TSAKIKSFDL IHSPHGELKA VFLLQNNLVE LYSLNPSLPT PQPVRTSRIT IGGHRSDVRT LSFSSDNI AV LSAAADSIKI WNRSTLQCIR TMTCEYALCS FFVPGDRQVW IGTKTGLQL YDLASGNLLE TIDAHGALW SMSLSPDQRG FVTGGADKSV KFWDFELVKD ENSTQKRLSV KQTRTLQLDE DVLCVSYSPN QKLLAVSLLD CTVKIFYVDT LKFFLSLYGH KLPVICMDIS HDGALIATGS ADRNVKIWGL DFGDCHKSLF AHDDSVMYLQ FVPKSHLFFT AGKDHKIKQW DADKFEHIQT LEGHHQEIWC LAVSPSGDYV VSSSHDKSLR LWERTREPLI LEEEREMERE

Product Details

AEYEESVAKE DQPAVPGETQ GDSYFTGKKT IETVAAAERI MEAIELYREE TAKMKEHKAI
CKAAGKEVPL PSNPILMAYG SISPSAYVLE IFKGIKSSSEL EESLLVLPFS YVPDILKLFN
EFIQLGSDVE LICRCLFFLL RIHFGQITSN QMLVPVIEKL RETTISKVSQ VRDVIGFNMA
GLDYLKRECE AKSEVMFFAD ATSHLEEKKR KRKKREKLIL TLT **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: WDR3

Alternative Name: WDR3 ([WDR3 Products](#))

Background: WD repeat-containing protein 3,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 the nascent pre-rRNA and work in concert to generate RNA

Target Details

folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome. {ECO:0000269|PubMed:34516797}.

Molecular Weight: 106.1 kDa

UniProt: [Q9UNX4](#)

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