

[Go to Product page](#)

Datasheet for ABIN7556036
WDR19 Protein (AA 1-1342) (His tag)

Overview

Quantity:	1 mg
Target:	WDR19
Protein Characteristics:	AA 1-1342
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WDR19 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WDR19 Protein expressed in mammalian cells.
Sequence:	MKRIFSLLEK TWLGAPIQFA WQKTSGNYLA VTGADYIVKI FDRHGQKRSE INLPGNCVAM DWDKGDVLA VIAEKSSCIY LWDANTNKTS QLDNGMRDQM SFLLWSKVGS FLAVGTVKGN LLIYNHQTSR KIPVLGKHTK RITCGCWNAE NLLALGGEDK MITVSNQEGD TIRQTQVRSE PSNMQFFLMK MDDRTSAAES MISVVLGKKT LFFLNLNPEP NPADLEFQQD FGNIVCYNWY GDGRIMIGFS CGHFVVISTH TGELGQEIFQ ARNHKDNLTS IAVSQTLNKV ATCGDNCKI QDLVDLKDMY VILNLDEENK GLGTLNLTDD GQLLALSTQR GSLHVFLTKL PILGDACSTR IAYLTSLLEV TVANPVEGEL PITVSVDVEP NFVAVGLYHL AVGMNNRAWF YVLGENAVKK LKDMEYLGTV ASICLHSDYA AALFEGKVQL HLIESEILDA QEERETRLFP AVDDKCRILC HALTSDFLIY GTDTGVVQYF YIEDWQFVND YRHPVSVKKI FPDPNGTRLV FIDEKSDGFV YCPVNDATYE IPDFSPTIKG VLWENWPMDK GVFIAYDDDK VYTYVFHKDT IQGAKVILAG STKVPFAHKP LLLYNGELTC QTQSGKVNNI YLSTHGFLSN LKDTGPDELR PMLAQNMLLK RFSDAWEMCR ILNDEAAWNE LARACLHHME VEFAIRVYRR IGNVGIVMSL EQIKGIEDYN

LLAGHLAMFT NDYNLAQDLY LASSCPIAAL EMRRDLQHWD SALQLAKHLA PDQIPFISKE
YAIQLEFAGD YVNALAHYEK GITGDNKEHD EACLAGVAQM SIRMGDIRRG VNQALKHPSR
VLKRDCGAIL ENMKQFSEAA QLYEKGLYYD KAASVYIRSK NWAKVGDLLP HVSSPKIHLQ
YAKAKEADGR YKEAVWAYEN AKQWQSVIRI YLDHLNNPEK AVNIVRETQS LDGAKMVARF
FLQLGDYGSA IQFLVMSKCN NEAFTLAQQH NKMEIYADII GSEDTTNEY QSIALYFEGE
KRYLQAGKFF LLCGQYSRAL KHFLKCP SSE DNVAIEMAIE TVGQAKDELL TNQLIDHLLG
ENDGMPKDAK YLFRLYMALK QYREAAQTAI IIAREEQSAG NYRNAHDVLF SMYAEKLSQK
IKIPSEMATN LMILHSYILV KIHVKNGDHM KGARMLIRVA NNISKFPSHI VPILTSTVIE
CHRAGLKNSA FSFAAMLMP EYRSKIDAKY KKKIEGMVRR PDISEIEEAT TPCPFCKFLL
PECELLCPGC KNSIPYCIAT GRHMLKDDWT VCPHCDFPAL YSELKIMLNT ESTCPMC SER
LNAAQLKKIS DCTQYLRTEE EL **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:	WDR19
Alternative Name:	WDR19 (WDR19 Products)
Background:	WD repeat-containing protein 19 (Intraflagellar transport 144 homolog),FUNCTION: As component of the IFT complex A (IFT-A), a complex required for retrograde ciliary transport and entry into cilia of G protein-coupled receptors (GPCRs), it is involved in cilia function and/or assembly (PubMed:20889716). Essential for functional IFT-A assembly and ciliary entry of GPCRs (PubMed:20889716). Associates with the BBSome complex to mediate ciliary transport (By similarity). {ECO:0000250 UniProtKB:Q3UGF1, ECO:0000269 PubMed:20889716}.
Molecular Weight:	151.6 kDa
UniProt:	Q8NEZ3
Pathways:	Hedgehog Signaling

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