

Datasheet for ABIN7556018
WDR35 Protein (AA 1-1181) (His tag)



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Overview

Quantity:	1 mg
Target:	WDR35
Protein Characteristics:	AA 1-1181
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WDR35 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WDR35 Protein expressed in mammalian cells.
Sequence:	MFFYLSKKIS IPNNVKLQCV SWNKEQGFIA CGGEDGLLKV LKLETQTDDA KLRGLAAPSN LSMNQTLEGH SGSVQVVTWN EQYQKLTTSD ENGLIIVWML YKGSWIEEMI NNRNKS SVRS MSWNADGQKI CIVYEDGAVI VGSVDGNRIW GKDLKGIQLS HVTWSADSKV LLFGMANGEI HIYDNQGNFM IKMKLSCLVN VTGAISIAGI HWYHGTEGYV EPDCPCLAVC FDNGRCQIMR HENDQNPVLI DTGMYVVGIQ WNHMGSVLAV AGFQKAAMQD KDVNIVQFYT PFGEHLGTLK VPGKEISALS WEGGGLKIAL AVDSFIYFAN IRPNYKWGYC SNTVVYAYTR PDRPEYCVVF WDTKNNEKYV KYVKGLISIT TCGDFCILAT KADENHPQEE NEMETFGATF VLVLCNSIGT PLDPKYIDIV PLFVAMTKTH VIAASKEAFY TWQYRVAKKL TALEINQITR SRKEGRERIY HVDDTPSGSM DGVLDYSKTI QGTRDPICAI TASDKILIVG RESGTIQRYS LPNVGLIQKY SLNCRAYQLS LNCNSSRLAI IDISGVLTF DLDARVTDST GQQVVGELK LERRDVWDMK WAKDNPDLFA MMEKTRMYVF RNLDPEEPIQ TSGYICNFEI LEIKSVLLDE ILKDPEHPNK DYLINEFEIRS LRDSRALIEK VGIKDASQFI EDNPHRLWR LLAEALQKL DLYTAEQAFV

Product Details

RCKDYQGIKF VKRLGKLLSE SMKQAEVVG Y FGRFEEAERT YLEMDRRDLA IGLRLKLGDW
FRVLQLLKTG SGDADDSLLE QANNAIGDYF ADRQKWLNAV QYYVQGRNQE RLAECYYMLE
DYEGLENLAI SLPENHKLLP EIAQMFVRVG MCEQAVTAFL KCSQPKAAVD TCVHLNQWNK
AVELAKNHSM KEIGSLLARY ASHLLKKNKT LDAIELYRKA NYFFDAAKLM FKIADEEAKK
GSKPLRVKKL YVLSALLIEQ YHEQMKNQQR GKVKGKSSEA TSALAGLLEE EVLSTTDRFT
DNAWRGAEAY HFFILAQRQL YEGCVDTALK TALHLKDYED IIPPVEIYSL LALCACASRA
FGTCSKAFIK LKSLETLSSE QKQQYEDLAL EIFTKHTSKD NRKPELDSLMEGEGKLP
VATGSPITEY QFWMCSVCKH GVLAQEISHY SFCPLCHSPV G **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: WDR35

Alternative Name: WDR35 ([WDR35 Products](#))

Target Details

Background: WD repeat-containing protein 35 (Intraflagellar transport protein 121 homolog),FUNCTION: As a 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 ciliogenesis and ciliary protein trafficking (PubMed:21473986, PubMed:28400947, PubMed:29220510). May promote CASP3 activation and TNF-stimulated apoptosis. {ECO:0000269|PubMed:20193664, ECO:0000269|PubMed:21473986, ECO:0000269|PubMed:28400947, ECO:0000269|PubMed:29220510}.

Molecular Weight: 133.5 kDa

UniProt: [Q9P2L0](#)

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