

Datasheet for ABIN7556035
WDR11 Protein (AA 1-1224) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	WDR11
Protein Characteristics:	AA 1-1224
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WDR11 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WDR11 Protein expressed in mammalian cells.
Sequence:	MLPYTVNFKV SARTLTGALN AHNKAAVDWG WQGLIAYGCH SLVVVIDSIT AQLTQVLEKH KADVVKV KWA RENYHHNIGS PYCLRLASAD VNGKIIVWDV AAGVAQCEIQ EHAQPIQDVQ WLWNQDASRD LLLAIHPPNY IVLWNADTGT KLWKKSYADN ILSFSDFPFD PSHLTLTSE GIVFISDFSP SKPPSGPGKK VYISSPHSSP AHNK LATATG AKKALNKVKI LITQEKP SAE FITLNDCLQL AYLP SKRNHM LLLYPREILI LDLEVNQTVG VIAIERTGVP FLQVIPCFQR DGLFCLHENG CITLRVRRSY NNIF TTSNEE PDPDPVQELT YDLRSQCD AI RVTKTVRPFS MVCCPVNENA AALVSDGRV MIWELKSAVC NRNSRNSSSG VSPLYSPVSF CGIPVGV LQN KLPDLSLDNM IGQSAIAGEE HPRGSILREV HLFLLTGLL SGLPAPQFAI RMCPLTTKN IKMYQPLLAV GTSNGSVLVY HLTSGLLHKE LSIHSCEVKG IEWTSLS TSFL SFATSTPNNM GLVRNELQLV DLPTGRSIAF RGERGNDESA IEMIKVSHLK QYLAVVFRDK PLELWDVRTC TLLREMSKNF PTITALEWSP SHNLKSLRKK QLATREAMAR QTVVSDTELS IVESVISLL QEAESKSELS QNISAREHFV FTDIDGQVYH LTVEGNSVKD SARIPPDGSM GSITCIAWKG

Product Details

DTLVLGDMDG NLNFWDLKGR VSRGIPTHRS WVRKIRFAPG KGNQKLIAMY NDGAEVWDTK
EVQMVSSLRS GRNVTFRILD VDWCTSDKVI LASDDGCIRV LEMSMKSACF RMDEQELTEP
VWCPYLLVPR ASLALKAFLL HQPWNGQYSL DISHVDYPEN EEIKNLLQEQ LNSLSNDIKK
LLLDPEFTLL QRCLLVSRLY GDESELHFWT VAAHYLHLSL QEKSASTTAP KEAAPRDKLS
NPLDICYDVL CENAYFQKFQ LERVNLQEVK RSTYDHTRKC TDQLLLLGQT DRAVQLLLET
SADNQHYCD SLKACLVTTV TSSGPSQSTI KLVATNMIAN GKLAEGVQLL CLIDKAADAC
RYLQTYGEWN RAAWLAKVRL NPEECADVLR RWVDHLCSPQ VNQKSKALLV LLSLGCFFSV
AETLHSMRYF DRAALFVEAC LKYGAFEVTE DTEKLITAIY ADYARSLKNL GFKQGAVLFA
SKAGAAGKDL LNELESPKEE PEE **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: WDR11

Alternative Name: WDR11 ([WDR11 Products](#))

Target Details

Background: WD repeat-containing protein 11 (Bromodomain and WD repeat-containing protein 2) (WD repeat-containing protein 15),FUNCTION: Involved in the Hedgehog (Hh) signaling pathway, is essential for normal ciliogenesis (PubMed:29263200). Regulates the proteolytic processing of GLI3 and cooperates with the transcription factor EMX1 in the induction of downstream Hh pathway gene expression and gonadotropin-releasing hormone production (PubMed:29263200). WDR11 complex facilitates the tethering of Adaptor protein-1 complex (AP-1)-derived vesicles. WDR11 complex acts together with TBC1D23 to facilitate the golgin-mediated capture of vesicles generated using AP-1 (PubMed:29426865). {ECO:0000269|PubMed:29263200, ECO:0000269|PubMed:29426865}.

Molecular Weight: 136.7 kDa

UniProt: [Q9BZH6](#)

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