

Datasheet for ABIN7547872
WDPCP Protein (AA 1-746) (His tag)



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Overview

Quantity:	1 mg
Target:	WDPCP
Protein Characteristics:	AA 1-746
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WDPCP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WDPCP Protein expressed in mammalian cells.
Sequence:	MRREFCWDAY SKAAGSRASS PLPRQDRDSF CHQMSFCLTE LHLWSLKNTL HIADRDIGIY QYYDKKDPPE TEHGNLEKKQ KLAESRDYPW TLKNRRPEKL RDSLKELEEL MQNSRCVLSK WKNKYVCQLL FGSGVLVSL SLSGPGLEKVV IDRSLVGKLI SDTISDALLT DSFIILSFLA QNKLCFIQFT KKMESSDVNK RLEKLSALDY KIFYEIPGP INKTTERHLA INCVHDRVVC WWPLVNDDAW PWAPISSEKD RANLLLLGYA QGRLEVLSSV RTEWDPLDVR FGTKQPYQVF TVEHSVSVDK EPMADSCIYE CIRNKIQCVS VTRIPLKSKA ISCCRNVTED KLILGCEDSS LILYETHRRV TLLAQTELLP SLISCHPSGA ILLVGSNQGE LQIFDMALSP INIQLLAEDR LPRETLQFSK LFDASSSLVQ MQWIAPQVVS QKGEQSDIYD LLFLRFERGP LGVLLFKLGV FTRGQLGLID IIFQYIHCDE IYEAINILSS MNWDTLGHQC FISMSAIVNH LLRQKLTPER EAQLETSLGT FYAPTRPLLD STILEYRDQI SKYARRFFHH LLRYQRFEKA FLLAVDVGAR DLFMDIHYLA LDKGELALAE VARKRASDID AESITSGVEL LGPLDRGDML NEAFIGLSLA PQGEDSFPDN LPPSCPTHRH ILQQRILNGS SNRQIIDRRN ELEKDICSGF LMTNTCNAED

Product Details

GELREDGREQ EIRDGGSLKM IHFGLV **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: WDPCP

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

Background: WD repeat-containing and planar cell polarity effector protein fritz homolog (hFRTZ) (Bardet-Biedl syndrome 15 protein) (WD repeat-containing and planar cell polarity effector protein),FUNCTION: Probable effector of the planar cell polarity signaling pathway which regulates the septin cytoskeleton in both ciliogenesis and collective cell movements. Together with FUZ and WDPCP proposed to function as core component of the CPLANE (ciliogenesis and planar polarity effectors) complex involved in the recruitment of peripheral IFT-A proteins to basal bodies (By similarity). {ECO:0000250|UniProtKB:Q32NR9, ECO:0000250|UniProtKB:Q8C456}.

Target Details

Molecular Weight: 85.1 kDa

UniProt: [O95876](#)

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