

Datasheet for ABIN7559130
WDPCP Protein (AA 1-722) (His tag)



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Overview

Quantity:	1 mg
Target:	WDPCP
Protein Characteristics:	AA 1-722
Origin:	Mouse
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:	MSFCLTELHL WSLKSTLHIA DRDIGVYQYY DKKDPSVSAT EHG NLEEKQR LAESRDYPWT LKNRRPEKLR DSLKELEELM QSSPCVLSKW KSKYICQLLF GSGVLVLSL SGPQLEKVV I DRSLVGKLIS DTISDALLTD SFIILSFLAQ NKLCFIQFTK KMDSL DGNKR LEKLSALDLK ISYYDIPGPA NRTIDRHLAV NSTQDLVVCW WPLVSDDVWP WTPVSSEKDR ANMLLLGFTQ GGLEVL SFVR TEWSPLDVHF GTKQPYQVFT VECSVSVDKE PMADSCIYES VRNKLHCVSV TRIPLRSKAI SCCRNSTEDK LIVGCEDSSV ILYEAHRGVT LLAQAELRPS LISCHPSGAI LLVGSNQGEL QIFDIALSPI NIQLLAEDYS PKETLQFKKF FDVSSSLVQM QWMAPPVVFQ KPKRGEICDL LFLRFNKGPL GVLLFKLGIL TRGQLGLVDL ILQYIHYSEV YE AISILRSM DWDTLGQQCL IGMGTIVNHL LRQRLTPERE AQLEASLGTF YAPTRPLLD TILEYREPV S KYARRLFHHL LRYKRFKAF LLAVDIGARD LFMDIHYLAL DMGELALAEV ARRAHDIDV ESVSSGV ELL GPLDRRMLN EGFASSALMP EGENKFPGLL PSIGSTHMQT LQQKIPNGPS SRWAIERRTE EEEEEEEEE EELCTDSSGA TTWNAEGELK EDQRKQDIGD VGSLRMVHFG LV

Product Details

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 (mFrtz) (Homolog-13) (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 (PubMed:27158779). {ECO:0000250|UniProtKB:Q32NR9, ECO:0000305|PubMed:27158779}.

Target Details

Molecular Weight: 81.7 kDa

UniProt: [Q8C456](#)

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