

Datasheet for ABIN7545181
WDR8 Protein (AA 1-460) (His tag)



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Overview

Quantity:	1 mg
Target:	WDR8
Protein Characteristics:	AA 1-460
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WDR8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WRAP73 Protein expressed in mammalian cells.
Sequence:	<p>MNFSEVFKLS SLLCKFSPDG KYLASCVQYR LVVRDVNTLQ ILQLYTCLDQ IQHIEWSADS LFILCAMYKR GLVQVWSLEQ PEWHCKIDEG SAGLVASCWS PDGRHILNTT EFHLRITVWS LCTKSVSYIK YPKACLQGIT FTRDGRYMAL AERRDCKDYV SIFVCSDWQL LRHFDTDQD LTGIEWAPNG CVLAVWDTCL EYKILLYSLD GRLLSTYSAY EWSLGIKSVA WSPSSQFLAV GSYDGKVRIL NHVTWKMITF FGHPAAINDP KIVVYKEAEK SPQLGLGCLS FPPPRAGAGP LPSSSESKYEI ASVPVSLQTL KPVTDRANPK IGIGMLAFSP DSYFLATRND NIPNAVWVWD IQKLRLFAVL EQLSPVRAFQ WDPQQPRLAI CTGGSRLYLW SPAGCMSVQV PGEGLFAVLS LCWHLSGDSM ALLSKDHFCL CFLETEAVVG TACRQLGGHT 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

WDR8

Alternative Name:

WRAP73 ([WDR8 Products](#))

Background:

WD repeat-containing protein WRAP73 (WD repeat-containing protein 8) (WD repeat-containing protein antisense to TP73 gene),FUNCTION: The SSX2IP:WRAP73 complex is proposed to act as regulator of spindle anchoring at the mitotic centrosome. Required for the centrosomal localization of SSX2IP and normal mitotic bipolar spindle morphology (PubMed:26545777). Required for the targeting of centriole satellite proteins to centrosomes such as of PCM1, SSX2IP, CEP290 and PIBF1/CEP90. Required for ciliogenesis and involved in the removal of the CEP97:CCP110 complex from the mother centriole. Involved in ciliary vesicle formation at the mother centriole and required for the docking of vesicles to the basal body during ciliogenesis, may promote docking of RAB8A- and ARL13B-containing vesicles (PubMed:26675238). {ECO:0000269|PubMed:26545777, ECO:0000269|PubMed:26675238}.

Molecular Weight:

51.6 kDa

Target Details

UniProt: [Q9P2S5](#)

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