

Datasheet for ABIN7545176

MORG1 Protein (AA 1-315) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MORG1 (wdr83)
Protein Characteristics:	AA 1-315
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MORG1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WDR83 Protein expressed in mammalian cells.
Sequence:	<p>MAFPEPKPRP PELPQKRLKT LDCGQGAVRA VRFNVDGNYC LTCGSDKTLK LWNPLRGTLT</p> <p>RTYSGHGYEV LDAAGSFDNS SLCSGGGDKA VVLWDVASGQ VVRKFRGHAG KVNTVQFNNE</p> <p>ATVILSGSID SSIRCWDCRS RRPEPVQTLT EARDGVSSVK VSDHEILAGS VDGRVRRYDL</p> <p>RMGQLFSDYV GSPITCTCFS RDGQCTLVSS LDSTLRLLDK DTGELLGEYK GHKNQEYKLD</p> <p>CCLSERDTHV VSCSEDGKVF FWDLVEGALA LALPVGSGVV QSLAYHPTPE CLLTAMGGSV</p> <p>QCWREEAYEA EDGAG 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 isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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:	MORG1 (wdr83)
Alternative Name:	WDR83 (wdr83 Products)
Background:	WD repeat domain-containing protein 83 (Mitogen-activated protein kinase organizer 1) (MAPK organizer 1),FUNCTION: Molecular scaffold protein for various multimeric protein complexes. Acts as a module in the assembly of a multicomponent scaffold for the ERK pathway, linking ERK responses to specific agonists. At low concentrations it enhances ERK activation, whereas high concentrations lead to the inhibition of ERK activation. Also involved in response to hypoxia by acting as a negative regulator of HIF1A/HIF-1-alpha via its interaction with EGLN3/PHD3. May promote degradation of HIF1A. May act by recruiting signaling complexes to a specific upstream activator (By similarity). May also be involved in pre-mRNA splicing. {ECO:0000250}.
Molecular Weight:	34.3 kDa
UniProt:	Q9BRX9

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