

Datasheet for ABIN7564364
FBXW8 Protein (AA 1-598) (His tag)



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Overview

Quantity:	1 mg
Target:	FBXW8
Protein Characteristics:	AA 1-598
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBXW8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Fbxw8 Protein expressed in mammalian cells.
Sequence:	<p>MDDHNLEEFR RHWQEELAQS QALRRRRRLE AGERRSPRRP EAGARGEPA S GYLGLAQGLL EGAGRPPAPR PGRGGDRKDT SSRSRSPDR DATEPEPLVD QLIRDLNELD DVPFFDVRLP YELAINIFQY LNRRELGLCA QVSKTWKVIA EDEVLWYRLC RQEGHLP HSR FSDYTCWKLI LQECLAKEHT LRANWKNRKG AVSELEHVPD AVLCDVRS HD GVIAGYTSG DVRVWDTRTW DYVAPFLESE SEEDPGMQP YVSFVRINSS LAVAAYEDGI LNIWDLRTGR FPIFRFEHDA RIQALALSQE KPIVATASAF DVVMLYPNEE GHWHVASEFE VQKLVDYLEI VPNTGRYPVA IATAGDLVYL LKADDSARTL HYVYGQPATC LDVSASQVAF GVKSLGWVYE GNKILVYSLE AERCLSKLGN ALGDFTCVNI RDSPPNLMVS GNMDRRVRIH DLRSDKIALS LSAHQLGVSA VQMDDWKVVS GGEGLVSVW DYRMNQKLWE VHSRHPVRYL SFNSHSLITA NVPYEKVLRN SDLDNFACHR RHRGLIHAYE FAVDQLAFQS PLPVCRLPRD IMAGYSYDLA LSFPHDSI</p> <p>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</p>

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: FBXW8

Alternative Name: Fbxw8 ([FBXW8 Products](#))

Background: F-box/WD repeat-containing protein 8 (F-box and WD-40 domain-containing protein 8),FUNCTION: Substrate-recognition component of a Cul7-RING ubiquitin-protein ligase complex, which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. The Cul7-RING(FBXW8) complex mediates ubiquitination and consequent degradation of GORASP1, acting as a component of the ubiquitin ligase pathway that regulates Golgi morphogenesis and dendrite patterning in brain. The Cul7-RING(FBXW8) complex also mediates ubiquitination of MAP4K1/HPK1: recognizes and binds autophosphorylated MAP4K1/HPK1, leading to its degradation, thereby affecting cell proliferation and differentiation. Associated component of the 3M complex, suggesting that it mediates some of 3M complex functions (By similarity). {ECO:0000250|UniProtKB:Q8N3Y1}.

Target Details

Molecular Weight: 68.0 kDa

UniProt: [Q8BIA4](#)

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