Datasheet for ABIN7547534

FBXO4 Protein (AA 1-387) (His tag)

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Overview

Quantity:	1 mg
Target:	FBXO4
Protein Characteristics:	AA 1-387
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBXO4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FBXO4 Protein expressed in mammalian cells.
Sequence:	MAGSEPRSGT NSPPPPFSDW GRLEAAILSG WKTFWQSVSK ERVARTTSRE EVDEAASTLT RLPIDVQLYI LSFLSPHDLC QLGSTNHYWN ETVRDPILWR YFLLRDLPSW SSVDWKSLPD LEILKKPISE VTDGAFFDYM AVYRMCCPYT RRASKSSRPM YGAVTSFLHS LIIQNEPRFA MFGPGLEELN TSLVLSLMSS EELCPTAGLP QRQIDGIGSG VNFQLNNQHK FNILILYSTT RKERDRAREE HTSAVNKMFS RHNEGDDQQG SRYSVIPQIQ KVCEVVDGFI YVANAEAHKR HEWQDEFSHI MAMTDPAFGS SGRPLLVLSC ISQGDVKRMP CFYLAHELHL NLLNHPWLVQ DTEAETLTGF LNGIEWILEE VESKRAR **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:

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:	FBXO4
Alternative Name:	FBXO4 (FBXO4 Products)
Background:	F-box only protein 4,FUNCTION: Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:18598945, PubMed:10531035, PubMed:29142209, PubMed:20181953). Promotes ubiquitination of CCND1 and its subsequent proteasomal degradation (PubMed:18598945). Recognizes TERF1 and promotes its ubiquitination together with UBE2D1 (PubMed:16275645, PubMed:20159592). Promotes ubiquitination of FXR1 following phosphorylation of FXR1 by GSK3B, leading to FXR1 degradation by the proteasome (PubMed:29142209). {ECO:0000269|PubMed:10531035, ECO:0000269|PubMed:16275645, ECO:0000269|PubMed:18598945, ECO:0000269|PubMed:20159592, ECO:0000269|PubMed:20181953, ECO:0000269|PubMed:29142209}.
Molecular Weight:	44.1 kDa
UniProt:	Q9UKT5

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