

Datasheet for ABIN7553918
FBX09 Protein (AA 1-447) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FBX09
Protein Characteristics:	AA 1-447
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBX09 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat FBX09 Protein expressed in mammalian cells.
Sequence:	MPDIIWVFPP QAEAEEDCHS DTVRADDDEE NESPAETDLQ AQLQMFRQW MFELAPGVSS SNLENRPCRA ARGSLQKTS A DTKGKQEQA EEKARELFLK AVEEEQNGAL YEAIKFYRRA MQLVPDIEFK ITYTRSPDGD GVGNSYIEDN DDDSKMADLL SYFQQQLTFQ ESVLKLCQPE LESSQIHISV LPMEVLMYIF RWWVSSDL DL RSLEQLSLVC RGFYICARDP EIWRACLKV WGRSCI LVP YTSWREMFL E RPRVRF DGVY ISKTTYIRQG EQSLDGFYRA WHQVEYYRYI RFFPDGHVMM LTTPEEPQSI V PRLRTRNTR TDAILLGHYR LSQDTDNQTK VFAVITKKKE EKPLDYKYRY FRRVPVQ EAD QSFHVGLQLC SSGHQRFNKL IWIHHSCHIT YKSTGETAVS AFEIDKMYTP LFFARVRSYT AFSERPL 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.
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, Western Blot

Grade: custom-made

Target Details

Target: FBX09

Alternative Name: FBX09 ([FBX09 Products](#))

Background: F-box only protein 9 (Cross-immune reaction antigen 1) (Renal carcinoma antigen NY-REN-57),FUNCTION: Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins and plays a role in several biological processes such as cell cycle, cell proliferation, or maintenance of chromosome stability (PubMed:34480022, PubMed:23263282). Ubiquitinates mTORC1-bound TTI1 and TEO2 when they are phosphorylated by CK2 following growth factor deprivation, leading to their degradation. In contrast, does not mediate ubiquitination of TTI1 and TEO2 when they are part of the mTORC2 complex. As a consequence, mTORC1 is inactivated to restrain cell growth and protein translation, while mTORC2 is the activated due to the relief of feedback inhibition by mTORC1 (PubMed:23263282). Plays a role in maintaining epithelial cell survival by regulating the turn-over of chromatin modulator PRMT4 through ubiquitination and degradation by the proteasomal pathway (PubMed:34480022). Regulates also PPARgamma stability by facilitating PPARgamma/PPARG ubiquitination and thereby plays a role in adipocyte differentiation (By

Target Details

similarity). {ECO:0000250|UniProtKB:Q8BK06, ECO:0000269|PubMed:23263282, ECO:0000269|PubMed:34480022}.

Molecular Weight: 52.3 kDa

UniProt: [Q9UK97](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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