

Datasheet for ABIN7547677
FBXL7 Protein (AA 1-491) (His tag)



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Overview

Quantity:	1 mg
Target:	FBXL7
Protein Characteristics:	AA 1-491
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBXL7 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat FBXL7 Protein expressed in mammalian cells.
Sequence:	MGANNGKQYG SEGKGSSSSIS SDVSSSTDHT PTKAQKNVAT SEDSDLMSRT LSTPSPALIC PPNLPGFQNG RGSSTSSSSI TGETVAMVHS PPTRLTHPL IRLASRPQKE QASIDRLPDH SMVQIFSFLP TNQLRCARV CRRWYNLAWD PRLWRTIRLT GETINVDRAL KVLTRRLCQD TPNVCLMLET VTVSGCRRLT DRGLYTIAQC CPELRRLEVS GCYNISNEAV FDVVSCLPNL EHLDVSGCSK VTCISLTREA SIKLSPLHGK QISIRYLDMT DCFVLEDEGL HTIAAHCTQL THLYLRRCVR LTDEGLRYLV IYCASIKELS VSDCRFVSDF GLREIAKLES RLRYLSIAHC GRVTDVGIRY VAKYCSKLRV LNARGCEGIT DHGVEYLAKN CTKLKSLEDIG KCPLVSDTGL ECLALNCFNL KRLSLKSCES ITGQGLQIVA ANCFDLQTLN VQDCEVSVEA LRFVKRHCKR CVIEHTNPAF F 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.

Product Details

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, Western Blot

Grade:

custom-made

Target Details

Target:

FBXL7

Alternative Name:

FBXL7 ([FBXL7 Products](#))

Background:

F-box/LRR-repeat protein 7 (F-box and leucine-rich repeat protein 7) (F-box protein FBL6/FBL7),FUNCTION: Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex (PubMed:25778398). During mitosis, it mediates the ubiquitination and subsequent proteasomal degradation of AURKA, causing mitotic arrest (By similarity). It also regulates mitochondrial function by mediating the ubiquitination and proteasomal degradation of the apoptosis inhibitor BIRC5 (PubMed:25778398, PubMed:28218735). {ECO:0000250|UniProtKB:Q5BJ29, ECO:0000269|PubMed:25778398, ECO:0000269|PubMed:28218735}.

Molecular Weight:

54.6 kDa

UniProt:

[Q9UJT9](#)

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
