

Datasheet for ABIN7547532

**F-Box Protein 3 Protein (FBX03) (AA 1-471) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	F-Box Protein 3 (FBX03)
Protein Characteristics:	AA 1-471
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This F-Box Protein 3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant FBX03 Protein expressed in mammalian cells.
Sequence:	MAAMETETAP LTLESLPTDP LLLILSFLDY RDLINCCYVS RRLSQLSSH D PLWRRHCKKY WLISEEEKTQ KNQCWKSLFI DTYS DVGRYI DHYAAIKKAW DDLKKYLEPR CPRMVL SLKE GAREEDLDAV EAQIGCKLPD DYRCSYRIHN GQKLVV PGLL GSMALSNHYR SEDLLD VDTA AGGFQQRQGL KYCLPLTFCI HTGLSQYIAV EAAEGRNKNE VFYQCPDQMA RNPA AIDMFI IGATFTDWFT SYVKNV VSGG FPIIRDQIFR YVHDPECVAT TGDITVSVST SFLPELSSVH PPHYFFTYRI RIEMSKDALP EKACQLDSRY WRITNAKGDV EEVQGPVVG EFPIISPGRV YEYTSCTTFS TTSGYMEGY Y TFHFLYFKDK IFNVAIPRFH MACPTFRVSI ARLEMGPDEY EEMEEEEEEEE EEEDEDDDSA DMDESDEDDE EERRRRVFDV PIRRRRC SRL F <b>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.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

---

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:

F-Box Protein 3 (FBX03)

### Alternative Name:

FBX03 ([FBX03 Products](#))

### Background:

F-box only protein 3,FUNCTION: Substrate recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex, SCF(FBX03), which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:18809579, PubMed:26037928). Mediates the ubiquitination of HIPK2 and probably that of EP300, leading to rapid degradation by the proteasome (PubMed:18809579). In the presence of PML, HIPK2 ubiquitination still occurs, but degradation is prevented (PubMed:18809579). PML, HIPK2 and FBX03 may act synergically to activate p53/TP53-dependent transactivation (PubMed:18809579). The SCF(FBX03) also acts as a regulator of inflammation by mediating ubiquitination and degradation of FBXL2 in response to lipopolysaccharide (LPS) (PubMed:26037928). The SCF(FBX03) complex specifically recognizes FBXL2 phosphorylated at 'Thr-404' and promotes its ubiquitination (By similarity). {ECO:0000250|UniProtKB:Q9DC63, ECO:0000269|PubMed:18809579, ECO:0000269|PubMed:26037928}.

## Target Details

---

Molecular Weight: 54.6 kDa

UniProt: [Q9UK99](#)

## 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