

Datasheet for ABIN7558171
FBX022 Protein (AA 1-402) (His tag)



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Overview

Quantity:	1 mg
Target:	FBX022
Protein Characteristics:	AA 1-402
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBX022 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Fbxo22 Protein expressed in mammalian cells.
Sequence:	<p>MEPAGGGGGV SSSTDPRSTY VLSNLAEVVE RVFTFLPAKA LLRVAGVCRL WRECVRRVLR THRSVTWISA GVAEAGHLEG HCLVRVVAEA LENVRILPQT VLYMADSETF ISLEECRGHK RARKRTTMET ACALEKLFPK QCQVLGIVTP GIVVTPMGSG SNRPQEIEIG ESGFALLFPQ IEGIKIQPFH FIKDSKNLTL ERHQLTEVGL LDNPELRVVL VFGYNCCKVG ASNYLHRVVS TFSDMNIILA GGQVDNLSSL TCEKNPLDID ATGVVGLSFS GHRIQSATVL LTEDVNDAKT VEAAMQRLKA ANIPEQNTIG FMFACVGRGF QYYRAKGNVE ADAFRKFFPS VPLFGFFGNG EIGCDRIVTG NFILRRCNEV KEEDLFHSYT TIMALVHLGT SK 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.</p>
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.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

FBX022

Alternative Name:

Fbxo22 ([FBX022 Products](#))

Background:

F-box only protein 22,FUNCTION: Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Promotes the proteasome-dependent degradation of key sarcomeric proteins, such as alpha-actinin (ACTN2) and filamin-C (FLNC), essential for maintenance of normal contractile function. {ECO:0000269|PubMed:22972877}.

Molecular Weight:

44.2 kDa

UniProt:

[Q78JE5](#)

Pathways:

[Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development](#)

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