

Datasheet for ABIN7553906  
**FBXO10 Protein (AA 1-956) (His tag)**



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## Overview

Quantity:	1 mg
Target:	FBXO10
Protein Characteristics:	AA 1-956
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBXO10 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant FBXO10 Protein expressed in mammalian cells.
Sequence:	MEAGGLPLEL WRMILAYLHL PDLGRCSLVC RAWYELISL DSTRWRQLCL GCTECRHPNW PNQPDVEPES WREAFKQHYL ASKTWTKNAL DLESSICFSL FRRRRERRTL SVGPGREFDS LGSALAMASL YDRIVLFPV YEEQGEIILK VPVEIVGQ GK LGEVALLASI DQHCSTTRLC NLVFTPAWFS PIMYKTTSGH VQFDNCNFEN GHIQVHGP GT CQVKFCTFKN THIFLHNVPL CVLENCEFGV SENNSVTVEG HPSADKNWAY KYLLGLIKSS PTFLLPTEDSD FLMSLDLESR DQAWSPKTC D IVIEGSQSPT SPASSSPKPG SKAGSQEAEV GSDGERVAQT PDSSDGGLSP SGEDEDEDQL MYRLSYQVQG PRPVLGGSFL GPPLPGASIQ LPSCVLVNSL QQELQKDKEA MALANSVQGC LIRKCLFRDG KGGVFCVSHG RAKMEGNIFR NLTYAVRCIH NSKIIMLRND IYRCRASGIF LRLEGGGLIA GNNIYHNAEA GVDIRKKNP LILCNQIHHG LRSGIVVLGN GKGIIRNNQI FSNKEAGIYI LYHGNPVS VG NHIFKGRAAG IAVNENKGL ITENVIRENQ WGGVDIRRG IPVLRNLIC FGYS DGVVVG DEGKGLIEGN TIYANKGCGV WMMSSSLPHV TSNHVSYNGL YGVAVFSQKD GSSELPRGHR AQENFSEDGD AILWETELEK EDDPLRRPIT

## Product Details

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IALVESNSIN HNGASGLYVQ SSEALHVITN VIHANGDRGI TVAQSSQPTR VANNSISCNR  
QSGVKVEAQC KVELRGNGIY DNRGHGIIK GDSTIVIEND IIGNRGSGLQ LLPRSDTKVI  
KNRIHSFRAY GIAVRGRAKA LVQENIIFQG KTSKTIFQQI SNNRECIMQN NKFLVFKKKS  
DTWRLVNPAA RPHLENSLRR PSAAHNGQKV TAMATRITAR VEGGYHSNRS VFCTIL **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:**

- 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

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Target: FBXO10

Alternative Name: FBXO10 ([FBXO10 Products](#))

Background: F-box only protein 10,FUNCTION: Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Mediates the ubiquitination and degradation of BCL2, an antiapoptotic protein, thereby playing a role in apoptosis by controlling the stability of BCL2. Targets also the receptor for advanced glycation end products RAGE for ubiquitination

## Target Details

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and subsequent lysosomal degradation (PubMed:28515150). Directly controls HGAL/GCSAM ubiquitination and degradation and thereby decreases BCR signaling (PubMed:31570756). {ECO:0000269|PubMed:23431138, ECO:0000269|PubMed:28515150, ECO:0000269|PubMed:31570756}.

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Molecular Weight: 105.2 kDa

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UniProt: [Q9UK96](#)

## Application Details

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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.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months