

Datasheet for ABIN7553907
FBX038 Protein (AA 1-1188) (His tag)



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Overview

Quantity:	1 mg
Target:	FBX038
Protein Characteristics:	AA 1-1188
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FBX038 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FBX038 Protein expressed in mammalian cells.
Sequence:	MGPRKKS VKT CIMNNEI PEE MTADETKDYM NQLSHEVLCH IFRYLPLQDI MCMECLSRKL KEAVTLYL RV VVRVDLCAGR WWEYMPSGFT DASFLTLLKK MPDVEQLYGL HPRYLERRRV RGHEAFSIPG VLEALQACPN LVGVVETSHLE LVESIWTYMP HVHILGKFRN RNGAFPPIPE NKLKIPGAK IQTLHLVGVN VPEIPCIPML RHLYMKWVRL TKPQPFKDFL CISLRTFVMR NCAGPTNSLK YVPLVTGLAS ARNLEHLEMV RVPFLGGLIQ HVVEDSWRSG GFRNLHTIVL GACKNALEVD LGYLIITAAR RLHEVRIQPS LTKDGVFSAL KMAELEFPQF ETLHLGYVDE FLLQSRMANA DLVKYGLADV VENPGIITDI GMKAVNEVFS CIKYLAIYNC PHLHNPYNWI SDHSRWTRLV DINLVRCHAL KLDSFGQFIE LLPSLEFISL DQMFREPPKG CARVGLSAGT GIGVSSALVS NQNSNDDNN AQNNNANIHD NNHHHPDDSD EENDFRQDLQ PGEQQFAADA LNEMEDIVQE DGEVVAESGN NTPAHSQAI PVDVDEEQAG PSGLQRVVKP TSITVHDSSES DDEEDSLELQ EVWIPKNGTR RYSEREKGT ESVQSRELSV SGKGKTPLRK RYNSHQMGQS KQFPLEESSC EKGCQVTSEQ IKADMKAARD IPEKKNKDV YPSCSSTAS TVGNSSSHNT

Product Details

ASQSPDFVRT VNSGGSSSEPS PTEVDVSRQC ACSPGGSEDS EAMEEGDAES SVCPRCCCHR
PQESQRRTSR CSDEERPSTS RACVVNGPDG TRSAFSFRTL PQGGSSGPAH DERTNGSGSG
ATGEDRRGSS QPESCDVQSN EDYPRRPLTR ARSRLSHVLL VSESEVAKTK PRHAMKRKRT
ADKSTSTSDP VIEDDHVQVL VLKSKNLVGV TMTNCGITDL VLKDCPKMMF IHATRCRVLK
HLKVENAPIV NREFDYAQCKK LNMDQVLDQI LRMPPERNRI IYLRPMQQVD TLTLEQKLFS
GPYPYHICII HEFSNPPNVR NKVRIRSWMD TIANINQELI KYEFFPEATR SEEDLKKYPK
YPWGREIYTL EGVVDGAPYS MISDFPWLRS LRAAEPNSFA RYDFEDEES TIYAPRRKQG
LSADICMETI GEEISEMRQM KKGVFQRVVA IFIHYCDVNG EPVEDDYI **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

Target: FBX038

Alternative Name: FBX038 ([FBX038 Products](#))

Target Details

Background: F-box only protein 38,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 PDCD1/PD-1, thereby regulating T-cells-mediated immunity (PubMed:30487606). Required for anti-tumor activity of T-cells by promoting the degradation of PDCD1/PD-1, the PDCD1-mediated inhibitory pathway being exploited by tumors to attenuate anti-tumor immunity and facilitate tumor survival (PubMed:30487606). May indirectly stimulate the activity of transcription factor KLF7, a regulator of neuronal differentiation, without promoting KLF7 ubiquitination (By similarity). {ECO:0000250|UniProtKB:Q8BMI0, ECO:0000269|PubMed:30487606}.

Molecular Weight: 133.9 kDa

UniProt: [Q6PIJ6](#)

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