

Recombinant Full Length Human FBXL7 Protein, GST-tagged

Cat. No. FBXL7-5005HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBXL7 full-length ORF (NP_036436.1, 1 a.a. - 491 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	491 amino acids
Description	This gene encodes a member of the F-box protein family which is characterized by a 42-48 amino acid motif, the F-box, which binds to the S-phase kinase-associated protein 1 (Skp1) protein. The F-box proteins constitute one of the four subunits of E3 ubiquitin protein ligases called SCFs (SKP1-Cul1-F-box), which play a role in phosphorylation-dependent ubiquitination of proteins. The F-box proteins are divided into 3 subfamilies based on the other domain in the protein: F-box proteins that also have a WD-40 domain (Fbws subfamily), F-box proteins that also have leucine-rich repeats (Fbls subfamily) and F-box proteins that contain other motifs or lack known protein-interaction domains (Fbxs subfamily). The protein encoded by this gene belongs to the Fbls subfamily. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]
Molecular Mass	81 kDa
AA Sequence	MGANNKGQYGSEGKGGSSSISSDVSSSTDHTPTKAQKNVATSESDSLSMRTLSTPSP ALICPPNLPGFQNGRGSSTSSSSITGETVAMVHSPPPTRLTHPLIRLASRPQKEQASI

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DRLPDHSMVQIFSFLPTNQLCRCARVCRRWYNLAWDPRLWRTIIRLTGETINVDRAL
 KVLTRRLCQDTPNVCLMLETVTVSGCRRLTDRGLYTIAQCCPELRRLEVSGCYNISN
 EAVFDVVSLCPNLEHLDVSGCSKVTCISLTREASIKLSPLHGKQISIRYLDMTDCFVLE
 DEGLHTIAAHCTQLTHLYLRRCVRLTDEGLRYLVIYCASIKELSVSDCRFVSDFGLREI
 AKLESRLRYLSIAHCGRVTDVGIRYVAKYCSKLRYLNARGCEGITDHGVEYLAKNCT
 KLKSLDIGKCPLVSDTGLECLALNCFNLKRLSLKSCESITGQGLQIVAANCFDLQTLN
 VQDCEVSVEALRFVVKRHCKRCVIEHTNPAFF

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

FBXL7 F-box and leucine-rich repeat protein 7 [Homo sapiens]

Official Symbol

FBXL7

Synonyms

FBXL7; F-box and leucine-rich repeat protein 7; F-box/LRR-repeat protein 7; FBL6;
 FBL7; KIAA0840; F-box protein Fbl7; F-box protein FBL6/FBL7;

Gene ID

23194

mRNA Refseq

NM_012304

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Protein Refseq	NP_036436
MIM	605656
UniProt ID	Q9UJT9

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