

Recombinant Full Length Human FBXL4 Protein, GST-tagged

Cat. No. FBXL4-4999HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBXL4 full-length ORF (NP_036292.2, 1 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	621 amino acids
Description	This gene encodes a member of the F-box protein family, which are characterized by an approximately 40 amino acid motif, the F-box. F-box proteins constitute one subunit of modular E3 ubiquitin ligase complexes, called SCF complexes, which function in phosphorylation-dependent ubiquitination. The F-box domain mediates protein-protein interactions and binds directly to S-phase kinase-associated protein 1. In addition to an F-box domain, the encoded protein contains at least 9 tandem leucine-rich repeats. The ubiquitin ligase complex containing the encoded protein may function in cell-cycle control by regulating levels of lysine-specific demethylase 4A. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Molecular Mass	96.5 kDa
AA Sequence	MSPVFPM LTVLTMFYI CLRRRARTATRGEMMNTHRAIESNSQTSPLNAE VVQYAK EVVDFSSHYGSENSMSYTMWNL AGVPNVFPSSGDF TQTAVFRTYGTWWDQCPSA SLPFKRTPPNFQSQDYVELTFEQQVYPTAVHVLE TYHPGAVIRILAC SANPYSPNPP

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AEVRWEILWSERPTKVNASQARQFKPCIKQINFPTNLIRLEVNSSLLEYYTELDAVVL
 HGVKDKPVLSLKTSLIDMNDIEDDAYAEKDGCMDSLNKKFSSAVLGEGPNNGYFD
 KLPYELIQLILNHLTLPDLCLRAQTCKLLSQHCCDPLQYIHLNLQPYWAKLDDTSLEFL
 QSRCTLVQWLNLSWTGNRGFISVAGFSRFLKVCSELVRLELSCSHFLNETCLEVIS
 EMCPNLQALNLSSCDKLPPQAFNHIAKLCSLKRLVLYRTKVEQTALLSILNFCSELQH
 LSLGSCVMIEDYDVIASMIKAKCKLRTLDLWRCKNITENGIAELASGCPLLEELDLG
 WCPTLQSSTGCFTRLAHQLPNLQKLFLTANRSVCDTDIDELACNCTRLQQLDILGTR
 MVSPASLRKLLSECKDLSLLDVSFCSQIDNRAVLELNASFPKVFIKKSFTQ

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

FBXL4 F-box and leucine-rich repeat protein 4 [Homo sapiens]

Official Symbol

FBXL4

Synonyms

FBXL4; F-box and leucine-rich repeat protein 4; F-box/LRR-repeat protein 4; FBL4;
 FBL5; F-box protein FBL4; F-box protein FBL4/FBL5;

Gene ID

26235

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mRNA Refseq	NM_012160
Protein Refseq	NP_036292
MIM	605654
UniProt ID	Q9UKA2

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