

Recombinant Full Length Human FBXL5 Protein, GST-tagged

Cat. No. FBXL5-5002HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBXL5 full-length ORF (AAH30656.1, 1 a.a. - 691 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	691 amino acids
Description	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class and, in addition to an F-box, contains several tandem leucine-rich repeats. Alternatively spliced transcript variants have been described for this locus. [provided by RefSeq, Aug 2010]
Molecular Mass	105 kDa
AA Sequence	MAPFP EEVDVFTAPHWRMKQLVGLYCDKLSKTNFSNNNDFRALLQSLYATFTEFKM HEQIENEYIIIGLLQQRSQTIYNVHSDNKLSEMLSLFEKGLKNVKNEYEQ LNYAKQLKE RLEAFTRDFLPHMKEEEEVFQPMLEMYFTYEELKDIKKKVIAQHCSQKDTAELLRGL

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SLWNHAEERQKFFKYSVDEKSDKEAEVSEHSTGITHLPPEVMLSIFSYPQLCRLC
 SQVSMKWSQLTKTRSLWKHLYPVHWARGDWYSGPATELDTEPDDEWVKNRKDES
 RAFHEWDEDADIDESEESAEEISIAIAQMEKRLHGLIHNVLPPYVGTSLVLAAYSS
 AVSSKMVRQILELCPNLEHLDLTQTDISDSAFDSWSWLGCCQSLRHLDLSGCEKITD
 VALEKISRALGILTSHQSGFLKTSTSKITSTAWKNKDITMQSTKQYACLHDLTNKGIGE
 EIDNEHPWTKPVSENFTSPYVWMLDAEDLADIEDTVEWRHRNVEVSLCVMETASNF
 SCSTSGCFSKDIVGLRTSVCWQQHCASPAFAYCGHSFCCTGTALRTMSSLPESSA
 MCRKAARTRLPRGKDLIYFGSEKSDQETGRVLLFLSLSGCYQITDHGLRVLTGGGL
 PYLEHLNLSGCLTITGAGLQDLVSACPSLNDEYFYCDNINGPHADTASGCQNLQCG
 FRACCRSGE

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

FBXL5 F-box and leucine-rich repeat protein 5 [Homo sapiens]

Official Symbol

FBXL5

Synonyms

FBXL5; F-box and leucine-rich repeat protein 5; F-box/LRR-repeat protein 5; FBL4;
 FBL5; FLR1; F-box protein FBL5; p45SKP2-like protein; F-box protein FBL4/FBL5;

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Gene ID	26234
mRNA Refseq	NM_001193534
Protein Refseq	NP_001180463
MIM	605655
UniProt ID	Q9UKA1

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