

Recombinant Full Length Human FBXL2 Protein, C-Flag-tagged

Cat. No. FBXL2-961HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FBXL2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 12 tandem leucine-rich repeats. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46.9 kDa
AA Sequence	MVFSNNDEGLINKKLPKELLRIFSFLDIVTLCRCAQISKAWNILALDGSNWQRIDLFN FQTDVEGRVVE NISKRCGGFLRKLRLGCGVGDSSLKTFAQNCRNIEHLNLNGCT KITDSTCYSLSRFCSKLKHLDTSC VSITNSSLKGISSEGCNLEYLNLSWCDQITKDG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EALVRGCRGLKALLLRGCTQLEDEALKHIQNYCHEL VSLNLQSCSRITDEGVVQICR
 GCHRLQALCLSGCSNLTASLTALGLNCPRLQILEAARCSHLTDAGFTL LARNCHEL
 EKMDLEECILITDSTLIQLSIHCPKLQALSLSHCELITDDGILHLSNSTCGHERLRVLEL
 DN CLLITDVALEHLENCRGLERLELYDCQQVTRAGIKRMRAQLPHVKVHAYFAPVTP
 PTAVAGSGQRLCRCC
 VILTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

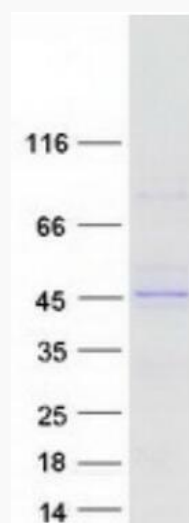
Gene Name	FBXL2 F-box and leucine rich repeat protein 2 [Homo sapiens (human)]
Official Symbol	FBXL2
Synonyms	FBL2; FBL3

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Gene ID	25827
mRNA Refseq	NM_012157.5
Protein Refseq	NP_036289.3
MIM	605652
UniProt ID	Q9UKC9



Coomassie blue staining of purified FBXL2 protein.