

## Product datasheet for **TP320401M**

### FBXL18 (NM\_024963) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human F-box and leucine-rich repeat protein 18 (FBXL18), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220401 representing NM_024963 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MASSGEDISNDDDDMHPAAAGMADGVHLLGFSDEILLHILSHVPSDILINVRRTCRLAALCLDKSLIH  
TVLLQKDYQASEDKVRQLVKEIGREIQQLSMAGCYWLPGSTVEHVARCRSLVKVNLGCHLTSRLRSKML  
SALQHLRSLAIDVSPGFDAQLSSECKATLSRVRELKQTLFTPSYGVPCCTSLEKLLLYFEILDRTREG  
AILSGQLMVGQSNVPHYQNLRFYARLAPGYINQEVRLYLAVLSDRTPQNLHAFILSVPGSFAESGATK  
NLLDSMARNVVDALQLPKSWLNGSSLLQHMKFNPNPFYFSRCTLSGGHLIQVINGGKDLRSLASLNL  
SGCVHCLSPDSLLRKAEDDIDSSILETLVASCCNLRHLNLSAAHHHSEGLGRHLCQLLARLRHLRSLSL  
PVCVADSAPRADRAPAQPAMHAVPRGFGKVRVGVQSCPSPFSGQACQPSSVFWSLKKNLPFLEHLEL  
IGSNFSSAMPRNEPAIRNSLPPCSRAQSVGDSEVAIGQLAFLRHLLTAQLPSVLTGSGLVNIGLQCQQQL  
RSLSLANLGMGKVVMPALSDMLKHCKRLRDLRLEQPYFSANAQFFQALSQCPSLQRLCLVSRSGTLQP  
DAVLAFMARCLQVVMCHLFTGESLATCKSLQSLRSFQAERPALNVVIFPLLHEGLTDVIRDVPLVHLD  
EITLFKSRVAEPPNLWW

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	78.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_079239](#)

**Locus ID:** 80028

**UniProt ID:** [A0A024R857](#), [Q96D16](#), [B4DH63](#)

**RefSeq Size:** 8253

**Cytogenetics:** 7p22.1

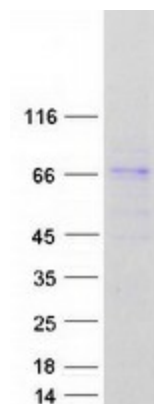
**RefSeq ORF:** 2154

**Synonyms:** Fbl18

**Summary:** The protein encoded by this gene is a member of a family of proteins that contain an approximately 40-amino acid F-box motif. This motif is important for interaction with SKP1 and for targeting some proteins for degradation. The encoded protein has been shown to control the cellular level of FBXL7, a protein that induces mitotic arrest, by targeting it for polyubiquitylation and proteasomal degradation. Members of the F-box protein family, such as FBXL18, are characterized by an approximately 40-amino acid F-box motif. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains. [provided by RefSeq, Mar 2016]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified FBXL18 protein (Cat# [TP320401]). The protein was produced from HEK293T cells transfected with FBXL18 cDNA clone (Cat# [RC220401]) using MegaTran 2.0 (Cat# [TT210002]).