

Recombinant Human FBXL18 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FBXL18-4159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FBXL18 MS Standard C13 and N15-labeled recombinant protein (NP_079239) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	78.7 kDa
AA Sequence	MASSGEDISNDDDDMHPAAAGMADGVHLLGFSDEILLHILSHVPSTDILNVRRTCR KLAALCLDKSLIHTVLLQKDYQASEDKVRQLVKEIGREIQQLSMAGCYWLPGSTVEH VARCRSLVKVNLGCHLTSLRLSKMLSALQHLSLAIDVSPGFDASQLSSECKATLS RVRELKQTLFTPSYGVVPCCTSLEKLLLYFEILDRTREGAILSGQLMVGQSNVPHYQ NLRVFYARLAPGYINQEVRLYLAVLSDRTPQNLHAFLISVPGSFAESGATKNLLDSM

 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

ARNVLDALQLPKSWLNGSSLLQHMKFNNPFYFSRCTLSSGGHLIQQVINGGKDL
 RSLASLNLSGCVHCLSPDSLLRKAEDDIDSSILETLVASCCNLRHLNLSAAHHHSSEG
 LGRHLCQLLARLRHLRSLSLPVCSVADSAPRADRAPAQPAMHAVPRGFGKKVRVG
 VQSCSPSPFSGQACPQPSSVFWSLLKNLPFLEHLELIGSNFSSAMPRNEPAIRNSLPP
 CSRAQSVGDSEVAAIGQLAFLRHLTLAQLPSVLTGSGLVNIGLQCQQLRSLSLANLG
 MMGKVVPALSDMLKHCKRLRDLRLEQPYFSANAQFFQALSQCPSLQRLCLVSR
 SGTLPDAVLAFMARCLQVVMCHLFTGESLATCKSLQQSLLRSFQAERPALNVVIFP
 LLHEGLTDVIRDVPLVHLDEITLFKSRVAEPPNLWWTRTRPLEQKLISEEDLAANDIL
 DYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FBXL18 F-box and leucine-rich repeat protein 18 [Homo sapiens (human)]

Official Symbol FBXL18

Synonyms FBXL18; F-box and leucine-rich repeat protein 18; F-box/LRR-repeat protein 18; Fbl18; FLJ11467; FLJ10776; FLJ26934; FLJ38075; FLJ41541;

Gene ID 80028

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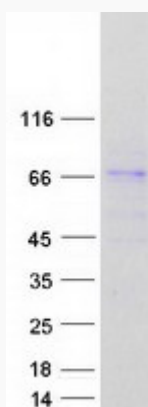
mRNA Refseq NM_024963

Protein Refseq NP_079239

MIM 609084

UniProt ID Q96ME1

SDS-PAGE



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