

Product datasheet for PH320401

FBXL18 (NM_024963) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FBXL18 MS Standard C13 and N15-labeled recombinant protein (NP_079239)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220401
Predicted MW:	78.7 kDa
Protein Sequence:	>RC220401 representing NM_024963 Red=Cloning site Green=Tags(s)

MASSGEDISNDDDDMHPAAAGMADGVHLLGFSDIILLHILSHVPSTDILNVRRTCRLAALCLDKSLIH
TVLLQKDYQASEDKVRLVKEIGREIQQLSMAGCYWLPGSTVEHVARCRLVKVNLSGCHLTSRLSKML
SALQHLRSLAIDVSPGFASQLSSECKATLSRVRELKQTLFTPSYGVVPCCTSLEKLLLYFEILDRTREG
AILSGQLMVGQSNVPHYQNLRVFYARLAPGYINQEVVRLYLAVLSDRTPQNLHAFLLISVPGSFAESGATK
NLLDSMARNVLDALQLPKSWLNGSSLLQHMKNPFPYFYSRCTLSGGHLIQQVINGGKDLRSLASLNL
SGCVHCLSPDSLLRKAEDDIDSSILETLVASCNLRHLNLSAAHHHSSEGLGRHLCQLLARLRHLRSLSL
PVCVSVADSAPRADRAPAQFAMHAVPRGFGKKVVRVGVQSCPSFSGQACQPSSVFWLLKNLPFLEHLEL
IGSNFSSAMPRNEPAIRNSLPPCSRAQSVGDSEVAAIQQLAFLRHLTLAQLPSVLTGSGLVNIGLQCQQQL
RSLSLANLGMGKVVMYPALSDMLKHCKRLRDLRLEQPYFSANAQFFQALSQCPSLQRLCLVSRSGTLQP
DAVLAFMARCLQVVMCHLFTGESLATCKSLQQSLLRSFQAERPALNVVIFPLLHEGLTVDVIRDVPLVHLD
EITLFSRVAEEPPNLWW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_079239



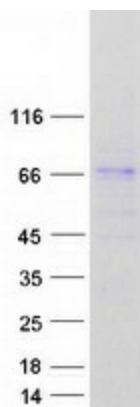
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RefSeq Size:	8253
RefSeq ORF:	2154
Synonyms:	Fbl18
Locus ID:	80028
UniProt ID:	A0A024R857 , Q96D16 , B4DH63
Cytogenetics:	7p22.1

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]).