

## Product datasheet for PH300178

### FBXL12 (NM\_017703) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FBXL12 MS Standard C13 and N15-labeled recombinant protein (NP_060173)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200178
Predicted MW:	37 kDa
Protein Sequence:	>RC200178 protein sequence Red=Cloning site Green=Tags(s)  MATLVELPDSVLEIFSYLPVRDRIRISRVCHRWKRLVDDRWLWRHVDLTYTMRPKVMWHLLRRYMASR LHSLRMGGYLFSGSQAPQLSPALLRALGQKCPNLKRLCLHVADLSMVPITSLPSTLRTLHLSCEISMAW LHKQQDPTVLPLEECIVLDRVPAFRDEHLQGLTRFRALRSLVLGGTYRVTTETGLDAGLQELSYLQRLEVL GCTL SADSTLLAISRHLDVRKIRLTVRGLSAPGLAVLEGMPALESCLQGPLVTPEMPSPTEILSSCLT MPKLRVLELQGLGWEGQEA EKILCKGLPHCMVIVRACPKESMDWWM  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u><a href="#">NP_060173</a></u>
RefSeq Size:	1876
RefSeq ORF:	978
Synonyms:	Fbl12
Locus ID:	54850



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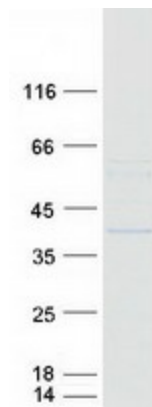
UniProt ID: [Q9NXX8](#)

Cytogenetics: 19p13.2

**Summary:** Members of the F-box protein family, such as FBXL12, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008]

Protein Families: Druggable Genome

### Product images:



Coomassie blue staining of purified FBXL12 protein (Cat# [TP300178]). The protein was produced from HEK293T cells transfected with FBXL12 cDNA clone (Cat# [RC200178]) using MegaTran 2.0 (Cat# [TT210002]).