

## Product datasheet for **TP300178**

### FBXL12 (NM\_017703) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human F-box and leucine-rich repeat protein 12 (FBXL12), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC200178 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MATLVELPDSVLEIFSYLPVRDRIRISRVCNRWKRVLVDDRWLWRHVDLTYTMRPKVMWHLRRYMASR  
LHSLRMGGYLFSGSQAPQLSPALLRALGQKCPNLKRLCLHVADLSMVPITSLPSTLRTLHLSCEISMAW  
LHKQQDPTVLPLEECIVLDRVPAFRDEHLQGLTRFRALRSLVLGGTYRVTTGLDAGLQELSYLQRLEVL  
GCTLSADSTLLAISRHLDVRKIRLTVRGLSAPGLAVLEGMPALESCLQGPLVTPEMPSPTEILSSCLT  
MPKLRVLELQGLGWEGQEAELCKGLPHCMVIVRACPKESMDWWM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK  
**Predicted MW:** 36.8 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.  
**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\\_060173](#)  
**Locus ID:** 54850



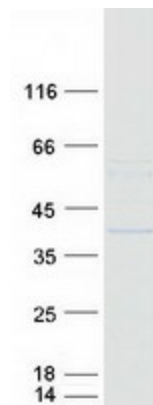
[View online »](#)

UniProt ID: [Q9NXK8](#)  
RefSeq Size: 1876  
Cytogenetics: 19p13.2  
RefSeq ORF: 978  
Synonyms: Fbl12

**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]).