

Product datasheet for **TP310500**

FBXO2 (NM_012168) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human F-box protein 2 (FBXO2), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC210500 protein sequence
Red=Cloning site **Green**=Tags(s)

MDGDGDPESVQGPEEASPEEQPEEASAEERPEDQEEEEAAAAAYLDELPEPLLLRVLAALPAAELVQA
CRLVCLRWKELVDGAPLWLLKCQEQGLVPEGGVEEERDHWQQFYFLSKRRRLLRNPCGEEDLEGWCDVE
HGGDGWRVEELPGDSGVEFTHDESVKKYFASSFECRKAQVIDLQAEGYWEELDTTQPAIWKDWYSGR
SDAGCLYELTVKLLSEHENVLAEFSSGQVAVPQSDSDGGGWMEISHTFTDYGPGVRFVRFEGGGQDSVYWK
GWFGARVTNSSVWVEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 33.1 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_036300](#)
Locus ID: 26232



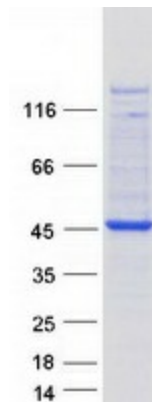
[View online »](#)

UniProt ID: [Q9UK22](#)
RefSeq Size: 1724
Cytogenetics: 1p36.22
RefSeq ORF: 888
Synonyms: FBG1; Fbs1; FBX2; NFB42; OCP1

Summary: This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. This protein is highly similar to the rat NFB42 (neural F Box 42 kDa) protein which is enriched in the nervous system and may play a role in maintaining neurons in a postmitotic state. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome
Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified FBXO2 protein (Cat# TP310500). The protein was produced from HEK293T cells transfected with FBXO2 cDNA clone (Cat# [RC210500]) using MegaTran 2.0 (Cat# [TT210002]).