

Product datasheet for PH310500

FBXO2 (NM_012168) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FBXO2 MS Standard C13 and N15-labeled recombinant protein (NP_036300)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210500
Predicted MW:	33.3 kDa
Protein Sequence:	>RC210500 protein sequence Red=Cloning site Green=Tags(s) MDGDGDPESVGQPPEEASPEEQPEEASAEERPEDQQEEEEAAAAAYLDELPEPLLRVLAALPAAELVQA CRLVCLRWKELVDGAPLWLLKCCQEQGLVPEGGVEEERDHWQQFYFLSKRRRNLLRNPCGEEDLEGWCDVE HGGDGWRVEELPGDSGVEFTHDESVKKYFASSFEWCRKAQVIDLQAEGYWEELDDTTQPAIVVKDWYSGR SDAGCLYELTVKLLSEHENVLAEFSSGQVAVPQSDGGGWEISHTFTDYGPGVRFVRFEHGGQDSVYWK GWFGARVTNSSVWVEP 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- 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_036300
RefSeq Size:	1724
RefSeq ORF:	888
Synonyms:	FBG1; Fbs1; FBX2; NFB42; OCP1
Locus ID:	26232



[View online »](#)

UniProt ID: [Q9UK22](#)

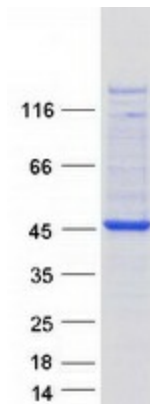
Cytogenetics: 1p36.22

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]).