

Recombinant Full Length Human FBXO2 Protein, C-Flag-tagged

Cat. No. FBXO2-975HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FBXO2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	33.1 kDa
AA Sequence	MDGDGDPESVGQPEEASPEEQPEEASAEERPEDQEEEEAAAAAYLDELPEPLL LRVLAALPAAELVQA CRLVCLRWKELVDGAPLWLLKCQQEGLVPEGGVVEEERDHW

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QQFYFLSKRRRNLLRNPCGEEDLEGWCDVE HGGDGWRVEELPGDSGVEFTHDES
 VKKYFASSFEWCRKAQVIDLQAEGYWEELDDTTQPAIVVKDWYSGR SDAGCLYELT
 VKLLSEHENVLAEFSSGQVAVPQSDSGGGWMEISHTFTDYGPGVRFVRFEGGGQD
 SVYWK
 GWFGARVTNSSVWVEPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Ubiquitin mediated proteolysis
Full Length	Full L.

GENE INFORMATION

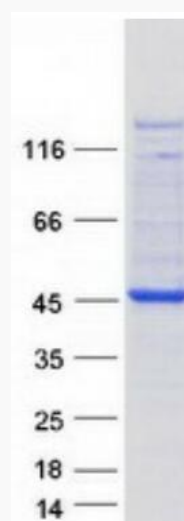
Gene Name	FBXO2 F-box protein 2 [Homo sapiens (human)]
Official Symbol	FBXO2
Synonyms	FBG1; FBX2; Fbs1; OCP1; NFB42

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Gene ID	26232
mRNA Refseq	NM_012168.6
Protein Refseq	NP_036300.2
MIM	607112
UniProt ID	Q9UK22



Coomassie blue staining of purified FBXO2 protein.