

Recombinant Full Length Human FBXO2 Protein, GST-tagged

Cat. No. FBXO2-5024HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBXO2 full-length ORF (AAH25233, 1 a.a. - 296 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	296 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	58.3 kDa
AA Sequence	MDGDGDPESVGQPPEEASPEEQPEEASAEERPEDQEEEEAAAAAYLDELPEPLL LRVLAALPAAELVQACRLVCLRWKELVDGAPLWLLKCQQEGLVPEGGVEEERDHW QQFYFLSKRRRNLLRNPCGEEDLEGWCDVEHGGDGWRVEELPGDSGVEFTHDES

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VKKYFASSFEWCRKAQVIDLQAEGYWEELDDTTQPAIVVKDWYSGRSDAGCLYELT
VKLLSEHENVLAEFSSGQVAVPQSDGGGWMEISHTFTDYGPGVRFVRFEGGQD
SVYWKGWFGARVTNSSVWVEP

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

FBXO2 F-box protein 2 [Homo sapiens]

Official Symbol

FBXO2

Synonyms

FBXO2; F-box protein 2; F box only protein 2 , OCP1, organ of Corti protein 1; F-box only protein 2; Fbg1; Fbs1; FBX2; Nfb42; F-box gene 1; organ of Corti protein 1; FBG1; OCP1; NFB42;

Gene ID

26232

mRNA Refseq

NM_012168

Protein Refseq

NP_036300

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MIM	607112
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UniProt ID	Q9UK22
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