

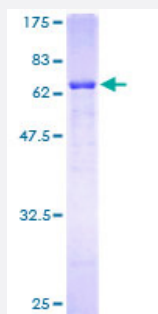
Full-Length

FBXO2 (Human) Recombinant Protein (P01)

Catalog # H00026232-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FBXO2 full-length ORF (AAH25233, 1 a.a. - 296 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDGDGDPESVGQPPEEASPEEQPEEASAEERPEDQEEEEAAAAAYLDELPEPLLLRVLAALP
AAELVQACRLVCLRWKELVDGAPLWLLKCQQEGLVPEGGVVEERDHWQQFYFLSKRRRNLLR
NPCGEEDLEGWCDVEHGGDGWRVEELPGDSGVEFTHDESVKKYFASSFEWCRKAQVIDLQAE
GYWEELDDTTQAMVKDWYSGRSDAGCLYELTVKLLSEHENVLAEFSSGQVAVPQSDSDGGGW
MEISHTFTDYGPGRFVRFEHGGQDSVYWKGWFGARVTNSSVWVEP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

58.3

Interspecies Antigen Sequence

Mouse (87); Rat (88)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

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

Note

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

Applications

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

Gene Info — FBXO2

Entrez GeneID[26232](#)**GeneBank Accession#**[BC025233](#)**Protein Accession#**[AAH25233](#)**Gene Name**

FBXO2

Gene Alias

FBG1, FBX2, Fbs1, NFB42

Gene Description

F-box protein 2

Omim ID[607112](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

F-box gene 1|F-box only protein 2|OTTHUMP00000002066

Pathway

- [Ubiquitin mediated proteolysis](#)