

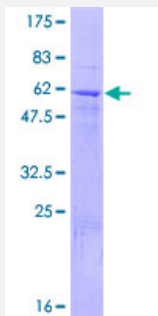
Full-Length

FBXO8 (Human) Recombinant Protein (P02)

Catalog # H00026269-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FBXO8 full-length ORF (NP_036312.2, 1 a.a. - 319 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGQGLWRVVRNQQLQQEGYSEQGYLTREQSRRMAASNISNTNHRKQVQGGIDYHLLKARKSKE
QEGFINLEMLPPELSFTILSYLNATDCLASCVWQDLANDELLWQGLCKSTWGHCSYNKNPPLG
FSFRKLYMQLDEGSLTFNANPDEGVNYFMSKGILDDSPKEIAKFIFCTRTLNWKKLRMLDERRDVL
DDLVTLHNFRNQFLPNALREFFRHHHAPEERGEYLETLITKFSHRFCACNPDLMRELGLSPDAVVV
LCYSLILLSIDLTSPHVKNKMSKREFIRNTRRAAQNISEDFVGHLVDNYLIGHVAA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

63.5

Interspecies Antigen Sequence

Mouse (95); Rat (95)

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 — FBXO8

Entrez GeneID[26269](#)**GeneBank Accession#**[NM_012180.2](#)**Protein Accession#**[NP_036312.2](#)**Gene Name**

FBXO8

Gene Alias

DC10, FBS, FBX8

Gene Description

F-box protein 8

Omim ID[605649](#)**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. It contains a C-terminal amino acid sequence that bears a significant similarity with a portion of yeast Sec7p, a critical regulator of vesicular protein transport. This human protein may interact with ADP-ribosylation factor(s)(ARFs) and exhibit ARF-GEF (guanine nucleotide exchange factor) activity. [provided by RefSeq]

Other Designations

F-box only protein 8|F-box protein Fbx8

Disease

- [Amyotrophic lateral sclerosis](#)
- [Genetic Predisposition to Disease](#)