

Recombinant Full Length Human FBXO5 Protein, GST-tagged

Cat. No. FBXO5-4680HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBXO5 full-length ORF (BAG37064.1, 1 a.a. - 447 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	447 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 similar to xenopus early mitotic inhibitor-1 (Emi1), which is a mitotic regulator that interacts with Cdc20 and inhibits the anaphase promoting complex. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Dec 2008]
Molecular Mass	75.57 kDa
AA Sequence	MSRRPCSCALRPPRCSCSASPSAVTAAGRPRPSDSCKEESSTLSVKMKCDFNCNH VHSGCLKLVKPD DIGRLVSYTPAYLEGCKDCIKDYERLSCIGSPIVSPRIVELETESKR

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LYNKENQHVQQTNLNSTNEIEALET SRLYEDSGYSSFSLQSGLSEHEEGSLLEENFGD
 SLQSCLLQIQSPDQYPNKNLLPVLHFEKVVCSTLKKNAKRNPVKVDREMLKEIARGNF
 RLQNIIGRKMGLECVDILSELFRRGLRHVLATILAQLSDMDLINVSKVSTTWKEILED
 KGAFQLYSKAIQRTVENNNKFSPHASTREYVMFRTPLASVQKSAAQTSKKDAQTKL
 SNQGDQKGSTYSRHNEFSEVAKTLKKNESLKACIRCNSPAKYDCYLQRATCKREGC
 GFDYCTKCLCNHYHTTKDCSDGKLLKASCKIGPLPGTKKSKKNLRRL

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

[FBXO5 F-box protein 5 \[Homo sapiens \]](#)

Official Symbol

[FBXO5](#)

Synonyms

FBXO5; F-box protein 5; F box only protein 5; F-box only protein 5; EMI1; FBX5;
 Fbxo31; F-box protein Fbx5; early mitotic inhibitor 1;

Gene ID

[26271](#)

mRNA Refseq

[NM_001142522](#)

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Protein Refseq	NP_001135994
MIM	606013
UniProt ID	Q9UKT4

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