

Recombinant Full Length Human FBXO42 Protein, GST-tagged

Cat. No. FBXO42-4678HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FBXO42 full-length ORF (AAH43410.1, 1 a.a. - 716 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	716 amino acids
Description	Members of the F-box protein family, such as FBXO42, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (SKP1A; MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Dec 2010]
Molecular Mass	104.2 kDa
AA Sequence	MASSSDSEDDSFMAVDQEETVLEGTMDQDEEHPVLEAEETRHNRSMSSELPPEEVL EYILSFLSPYQEHKTAALVCKQWYRLIKGVAHQCYHGFMKAVQEGNIQWESRTYPY PGTPITQRFSSHACYYDANQSMYVFGGCTQSSCNAAFNDLWRLDLNSKEWIRPLAS GSYPSPKAGATLVVYKDLLVLFGGWTRPSYPLHQPERFFDEIHTYSPSKNWWNCI VTTHGPPPMAGHSSCVIDDKMIVFGGSLGSRQMSNDVWVLDLEQWAWSKPNISGP SPHPRGGQSQIVDDATILILGGCGGPNALFKDAWLLMHSGPWAWQPLKVENEEH GAPELWCHPACRVGQCVVVFSSQAPSGRAPLSPSLNSRPSISPATPPALVPETREYR

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SQSPVRSMDEAPCVNGRWGTLRPRAQRQTPSGSREGSLSPARGDGSPILNGGSL
 SPGTAAVGGSLDSPVQAISPSTPSAPEGYDLKIGLSLAPRRGSLPDQKDLRLGSIDLN
 WDLKPASSSNPMDGMDNRTVGGSMRHPPEQTNGVHTPPHVASALAGAVSPGALR
 RSLEAIKAMSSKGPSASAALSPPLGSSPGSPGSQSLSSGETVPIPRPGPAQGDGHS
 LPPIARRLGHHPPQSLNVGKPLYQSMNCKPMQMYVLDIKDTKEKGRVKWKVFNSSS
 VVGPPETSLHTTVVQGRGELIIFGGLMDKKQNVKYYPKTNALYFVRAKR

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

[FBXO42 F-box protein 42 \[Homo sapiens \]](#)

Official Symbol

[FBXO42](#)

Synonyms

FBXO42; F-box protein 42; F-box only protein 42; Fbx42; KIAA1332; just one F-box and Kelch domain-containing protein; JFK;

Gene ID

[54455](#)

mRNA Refseq

[NM_018994](#)

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Protein Refseq	NP_061867
MIM	609109
UniProt ID	Q6P3S6

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