

Recombinant Full Length Human FBXO42 Protein, C-Flag-tagged

Cat. No. FBXO42-1265HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FBXO42 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	77.7 kDa
AA Sequence	MASSSDSEDDSFMAVDQEETVLEGTMDQDEEHPVLEAEETRHNRSMSSELPEEVL EYILSFLSPYQEHKT AALVCKQWYRLIKGVAHQCYHGFMKAVQEGNIQWESRTYPY PGTPITQRFSHSACYDDANQSMYVFGGCT QSSCNAAFNDLWRLDLNSKEWIRPLA SGSYPSPKAGATLVVYKDLLVFGGWTRPSYPLHQPERFFDEI HTYSPSKNWWN CIVTTHGPPPMAGHSSCVIDDKMIVFGGSLGSRQMSNDVWVLDLEQWAWSKPNIS GPSP HPRGGQSQIVDDATILILGGCGGNALFKDAWLLMHSGPWAWQPLKVEN EEHGAPELWCHPACRVGQC VVVFSSQAPSGRAPLSPSLNSRPSISATPPALVPETR

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EYRSQSPVRSMDAPCVNGRWGTLRPRAQRQTP SGSREGSLSPARGDGSPILNG
 GSLSPGTAAVGGSSLDSPVQAISPSTPSAPEGYDLKIGLSLAPRRGSLP DQKDLRLG
 SIDLNWDLKPASSSNPMDGMDNRTVGGSMRHPPEQTNGVHTPPHVASALAGAVSP
 GALRRSL EAIKAMSSKGPSASAALSPPLGSSPGSPGSQSLSSGETVPIPRPGPAQG
 DGHSLPPIARRLGHHPPQSLN VGKPLYQSMNCKPMQMYVLDIKDTKEKGRVKWKV
 FNSSSVVGPPETSLHTVVQGRGELIIFGGLMDKKQN
 VKYYPKTNALYFVRAKRTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

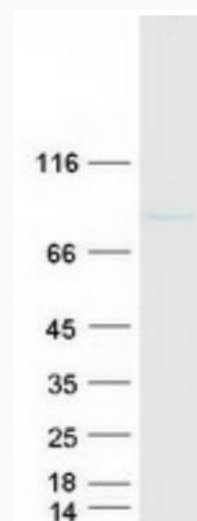
Gene Name	FBXO42 F-box protein 42 [Homo sapiens (human)]
Official Symbol	FBXO42
Synonyms	JFK; Fbx42

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Gene ID	54455
mRNA Refseq	NM_018994.3
Protein Refseq	NP_061867.1
MIM	609109
UniProt ID	Q6P3S6



Coomassie blue staining of purified FBXO42 protein.