

## Product datasheet for PH309600

### FBXO42 (NM\_018994) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FBXO42 MS Standard C13 and N15-labeled recombinant protein (NP_061867)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209600
Predicted MW:	77.8 kDa
Protein Sequence:	>RC209600 protein sequence Red=Cloning site Green=Tags(s)

MASSSDSEDDSFMAVDQEETVLEGTMDQDEEHPVLEAEETRHNRSMSSELPEEVLEYILSFLSPYQEHT  
AALVCKQWYRLIKGVAHQCYHGFMAKAVQEGNIQWESRTYPYPGTPITQRFSHSACYDANQSMYVFGGCT  
QSSCNAAFNDLWRLDLNSKEWIRPLASGSYSPKAGATLVVYKDLLVLFGGWTRPSYPLHQPERFFDEI  
HTYSPSKNWNVICVTTTHGPPMAGHSSCVIDDKMIVFGGSLGSRQMSNDVWVLDLEQAWASKPNIISGSP  
HPRGGQSQIVIDDATILILGGCGPNALFKDAWLLHMHSGPWAWQPLKVENEHGAPELWCHPACRVGQC  
VVVFSQAPSGRAPLSPSLNSRSPISATPPALVPETREYRSQSPVRMDEAPCVNGRWGTLRPAQRQTP  
SGSREGSLSPARGDGSPILNGGSLSPGTAAVGGSSLDSPVQAIISPSTPSAPEGYDLKIGLSLAPRRGSLP  
DQKDLRLGSIDLNWDLKPASSSNPMDGMDNRTVGGSMRHPPEQTNGVHTPPHVASALAGAVSPGALRRSL  
EAIKAMSSKGPSASAALSPPLGSSPGSPGSQLSSGETVPIPRGPAQGDGHSLPPIARRLGHPPQSLN  
VGKPLYQSMNCKPMQMYVLDIKDTKEKGRVKWVFNSSSVVGGPPETSLHTVVQGRGELIIFGGLMDKKQN  
VKYYPKTNALYFVRAKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_061867</u>



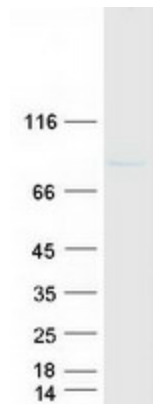
[View online »](#)

RefSeq Size: 3011  
RefSeq ORF: 2151  
Synonyms: Fbx42; JFK  
Locus ID: 54455  
UniProt ID: [Q6P3S6](#)  
Cytogenetics: 1p36.13

**Summary:** 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]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified FBXO42 protein (Cat# [TP309600]). The protein was produced from HEK293T cells transfected with FBXO42 cDNA clone (Cat# [RC209600]) using MegaTran 2.0 (Cat# [TT210002]).