F-Box/LRR-Repeat Protein 14 (FBXL14) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	F-box/LRR-repeat protein 14 (FBXL14), Recombinant Protein
Full Product Name	Recombinant Human F-box/LRR-repeat protein 14 (FBXL14)
Product Gene Name	FBXL14 recombinant protein
Product Synonym Gene Name	FBXL14
Sequence	METHISCLFP ELLAMIFGYL DVRDKGRAAQ VCTAWRDAAY HKSVWRGVEA KLHLRRANPS LFPSLQARGI RRVQILSLRR SLSYVIQGMA NIESLNLSGC YNLTDNGLGH AFVQEIGSLR ALNLSLCKQI TDSSLGRIAQ YLKGLEVLEL GGCSNITNTG LLLIAWGLQR LKSLNLRSCR HLSDVGIGHL AGMTRSAAEG CLGLEQLTLQ DCQKLTDLSL KHISRGLTGL RLLNLSFCGG ISDAGLLHLS HMGSLRSLNL RSCDNISDTG IMHLAMGSLR LSGLDVSFCD KVGDQSLAYI AQGLDGLKSL SLCSCHISDD GINRMVRQMH GLRTLNIGQC VRITDKGLEL IAEHLSQLTG IDLYGCTRIT KRGLERITQL PCLKVLNLGL WQMTDSEKEA RGDFSPLFTV RTRGSSRR
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	45,886 Da
Sequence Positions	1-418, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	609081
3D Structure	ModBase 3D Structure for Q8N1E6
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FBXL14 recombinant protein	MBS1403826 is a recombinant protein targeting FBXL14. Also known as Recombinant Human F-box/LRR-repeat protein 14 (FBXL14). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of FBXL14 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FBXL14. It may not necessarily be applicable to this product.

NCBI GI #	22748931
NCBI GeneID	144699
NCBI Accession #	NP_689654.1

UniProt Primary Accession #	Q8N1E6
UniProt Related Accession #	Q8N1E6
GenBank Nucleotide #	NM_152441.2
NCBI Official Full Name	F-box/LRR-repeat protein 14
NCBI Official Synonym Full Names	F-box and leucine rich repeat protein 14
NCBI Official Symbol	FBXL14
NCBI Official Synonym Symbols	Fbl14
UniProt Protein Name	F-box/LRR-repeat protein 14
UniProt Synonym Protein Names	F-box and leucine-rich repeat protein 14
UniProt Gene Name	FBXL14
UniProt Synonym Gene Names	FBL14
NCBI Protein Information	F-box/LRR-repeat protein 14
NCBI Summary for FBXL14	Members of the F-box protein family, such as FBXL14, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (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, Mar 2008]
UniProt Comments for FBXL14	Substrate-recognition component of some SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin-protein ligase complexes. The SCF(FBXL14) complex acts by mediating ubiquitination and subsequent degradation of SNAI1.
Research Articles on FBXL14	**1.** USP13 and FBXL14 play opposing roles in the regulation of glioma stem cells (GSCs) through reversible ubiquitination of c-Myc.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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