Four-Jointed Box Protein 1 (FJX1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Four-jointed box protein 1 (FJX1), Recombinant Protein
Full Product Name	Recombinant Human Four-jointed box protein 1 (FJX1)
Product Gene Name	FJX1 recombinant protein
Product Synonym Gene Name	FJX1
Sequence	LWGGLLPPRT ELPASRPPED RLPRRPARSG GPAPAPRFPL PPPLAWDARG GSLKTFRALL TLAAGADGPP RQSRSEPRWH VSARQPRPEE SAAVHGGVFW SRGLEEQVPP GFSEAQAAAW LEAARGARMV ALERGGCGRS SNRLARFADG TRACVRYGIN PEQIQGEALS YYLARLLGLQ RHVPPLALAR VEARGAQWAQ VQEELRAAHW TEGSVVSLTR WLPNLTDVVV PAPWRSEDGR LRPLRDAGGE LANLSQAELV DLVQWTDLIL FDYLTANFDR LVSNLFSLQW DPRVMQRATS NLHRGPGGAL VFLDNEAGLV HGYRVAGMWD KYNEPLLQSV CVFRERTARR VLELHRGQDA AARLLRLYRR HEPRFPELAA LADPHAQLLQ RRLDFLAKHI LHCKAKYGRR SGT
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	48,507 Da
Sequence Positions	25-437, 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	612206
3D Structure	ModBase 3D Structure for Q86VR8
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FJX1 recombinant protein	This protein is the human ortholog of mouse and Drosophila four-jointed gene product. The Drosophila protein is important for growth and differentiation of legs and wings, and for proper development of the eyes. The exact function of this gene in humans is not known.
Other Notes	Small volumes of FJX1 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.
Searchable Terms for FJX1 purchase	MBS1450788 is a recombinant protein targeting FJX1. Also known as Recombinant Human Four-jointed box protein 1 (FJX1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FJX1. It may not necessarily be applicable to this product.

NCBI GI #	18765711

NCBI GeneID	24147
NCBI Accession #	NP_055159.2
UniProt Primary Accession #	Q86VR8
UniProt Secondary Accession #	Q9UGK6; B2RCA9
UniProt Related Accession #	Q86VR8
GenBank Nucleotide #	NM_014344.3
NCBI Official Full Name	four-jointed box protein 1
NCBI Official Synonym Full Names	four jointed box 1
NCBI Official Symbol	FJX1
UniProt Protein Name	Four-jointed box protein 1
UniProt Synonym Protein Names	Four-jointed protein homolog
Protein Family	Four-jointed box protein
UniProt Gene Name	FJX1
NCBI Protein Information	four-jointed box protein 1
NCBI Summary for FJX1	The protein encoded by this gene is the human ortholog of mouse and Drosophila four-jointed gene product. The Drosophila protein is important for growth and differentiation of legs and wings, and for proper development of the eyes. The exact function of this gene in humans is not known. [provided by RefSeq, Jul 2008]
UniProt Comments for FJX1	Acts as an inhibitor of dendrite extension and branching.
Research Articles on FJX1	**1.** FJX1 does not influence the levels of FAT1 ectodomain phosphorylation.
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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