LIM Homeobox Transcription Factor 1-Beta (LMX1B) Mesocricetus Auratus Recombinant Protein

PRODUCT OVERVIEW

Product Name	LIM homeobox transcription factor 1-beta (LMX1B), Recombinant Protein
Full Product Name	Recombinant Mesocricetus auratus LIM homeobox transcription factor 1-beta (LMX1B)
Product Gene Name	LMX1B recombinant protein
Product Synonym Gene Name	LMX1B
Sequence	PLRPGPATLG VLLGSDCPHP AVCEGCQRPI SDRFLMRVNE SSWHEECLQC AACQQALTTS CYFRDRKLYC KQDYQQLFAA KCSGCMEKIA PTEFVMRALE CVYHLGCFCC CVCERQLRKG DEFVLKEGQL LCKGDYEKEK DLLSSVSPDE SDSVKSEDED GDMKPAKGQG SQSKGGGDDG KDPRRPKRPR TILTTQQRRA FKASFEVSSK PCRKVRETLA AETGLSVRVV QVWFQNQRAK MKKLARRHQQ QQEQQNSQRL GQEVLSSRME GMMASYTPLA PPQQQIVAME QSPCGSSDPF QQGLTPPQMP GDHMNPYGND SIFHDIDSDT SLTSLSDCFL GSSDVGSLQA RVGNPIDRLY SMQSSYFAS
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	41,161 Da
Sequence Positions	1-369, 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.
3D Structure	ModBase 3D Structure for Q60564
Species	Mesocricetus auratus (Golden hamster)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LMX1B recombinant protein	MBS1365020 is a recombinant protein targeting LMX1B. Also known as Recombinant Mesocricetus auratus LIM homeobox transcription factor 1-beta (LMX1B). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LMX1B 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 LMX1B. It may not necessarily be applicable to this product.

NCBI GI #	2497672
NCBI Accession #	Q60564.1
UniProt Primary Accession #	Q60564

NCBI Official Full Name	LIM homeobox transcription factor 1-beta
UniProt Protein Name	LIM homeobox transcription factor 1-beta
UniProt Synonym Protein Names	LIM/homeobox protein 1.2; LMX-1.2; LIM/homeobox protein LMX1B
Protein Family	LIM/homeobox protein
UniProt Gene Name	LMX1B
UniProt Synonym Gene Names	LMX1.2; LMX-1.2
UniProt Comments for LMX1B	Essential for the specification of dorsal limb fate at both the zeugopodal and autopodal levels. Mediates physical interaction and transcriptional synergy with E47/PAN-1.
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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