Myelin Proteolipid Protein B (plp1-b) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Myelin proteolipid protein B (plp1-b), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Myelin proteolipid protein B (plp1-b)
Product Gene Name	plp1-b recombinant protein
Product Synonym Gene Name	plp1-b; plp1
Product Synonym Names	Recombinant Myelin proteolipid protein B (plp1-b); Myelin proteolipid protein B; PLP-B; Lipophilin-B
Sequence	MGWHDGCIRC MVGVPFASVI ATVLCFAGVA LFCGCGHEAL SGTEKLIETY FSKNYQEYEY LIHVINAFQY VIYGIAIFFF LYGILLLAEG FYTTTAIKHI LGEFKPPAMK GGLISTVTGG PPKGRSTRGR QPVHTIELIC RCLGKWLGHP DKFVGVTYVI TILWILIFAC SAVPVYIYFN TWVTCQSIAF PGKTTTSVST LCLDARMYGV LPWNAFPGKV CGTSLLAICK TSEFQMTFHL FIAAFVGAAA TLVALLTYMV GASFNYAVLR VTGRSDRSKF
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	30,758 Da
Sequence Positions	1-280
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 P23290
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for plp1-b recombinant protein	MBS1228569 is a recombinant protein targeting plp1-b. Also known as Recombinant Xenopus laevis Myelin proteolipid protein B (plp1-b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of plp1-b 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 plp1-b. It may not necessarily be applicable to this product.

NCBI GI #	147905846
NCBI GeneID	379423
NCBI Accession #	NP_001079734.1
UniProt Primary Accession #	P23290
UniProt Secondary Accession #	Q7SZ96

UniProt Related Accession #	P23290
GenBank Nucleotide #	NM_001086265.1
NCBI Official Full Name	myelin proteolipid protein B
NCBI Official Synonym Full Names	proteolipid protein 1
NCBI Official Symbol	plp1-b
NCBI Official Synonym Symbols	PLP; pmd; hld1; mmpl; plp1; spg2; PLP-B; plp1b
UniProt Protein Name	Myelin proteolipid protein B
UniProt Synonym Protein Names	Lipophilin-B
Protein Family	Myelin proteolipid protein
UniProt Gene Name	plp1-b
UniProt Synonym Gene Names	plp1; PLP-B
UniProt Entry Name	MYPRB_XENLA
NCBI Protein Information	myelin proteolipid protein B; Lipophilin-B; proteolipid protein 1 b
UniProt Comments for plp1-b	Function: This is the major myelin protein from the central nervous system. It plays an important role in the formation or maintenance of the multilamellar structure of myelin. Subcellular location: Membrane; Multi-pass membrane protein. Sequence similarities: Belongs to the myelin proteolipid protein family.
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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