Glycolipid Transfer Protein B (gltp-b) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glycolipid transfer protein B (gltp-b), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Glycolipid transfer protein B (gltp-b)
Product Gene Name	gltp-b recombinant protein
Product Synonym Gene Name	gltp-b
Sequence	MAVLLLHQFK ALPADKQIDT CSFLDSVSHL PAFFDCLGSA IFSPIKADIT GNITKIRSVY ESNPTQFKTL QMILEGEKEL YGPKWPKAGA TLALMWLKRG LKFIQVLLQS ISDGERDDQN PNLIKVNITK AYDIALKNYH GWLVQKFFQT ALIAAPYKDD FLKALSKGQA VKEEECIEKI RKFLVNYTTT IEAIYIMYNK MNAELDYKA
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	23,765 Da
Sequence Positions	1-209, 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 Q6NU44
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gltp-b recombinant protein	MBS1463550 is a recombinant protein targeting gltp-b. Also known as Recombinant Xenopus laevis Glycolipid transfer protein B (gltp-b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gltp-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 gltp-b. It may not necessarily be applicable to this product.

NCBI GI #	147906647
NCBI GeneID	414574
NCBI Accession #	NP_001084618.1
UniProt Primary Accession #	Q6NU44
UniProt Related Accession #	Q6NU44
GenBank Nucleotide #	NM_001091149.1

NCBI Official Full Name	glycolipid transfer protein B
NCBI Official Synonym Full Names	glycolipid transfer protein L homeolog
NCBI Official Symbol	gltp.L
NCBI Official Synonym Symbols	gltp; gltp-a; gltp-b
UniProt Protein Name	Glycolipid transfer protein B
Protein Family	Glycolipid transfer protein
UniProt Gene Name	gltp-b
UniProt Synonym Gene Names	GLTP-B
NCBI Protein Information	glycolipid transfer protein B
UniProt Comments for gltp-b	Accelerates the intermembrane transfer of various glycolipids. Catalyzes the transfer of various glycosphingolipids between membranes but does not catalyze the transfer of phospholipids. May be involved in the intracellular translocation of glucosylceramides ().
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