T-Cell Surface Glycoprotein Cd1b1 (CD1B1) Guinea Pig Recombinant Protein

PRODUCT OVERVIEW

Product Name	T-cell surface glycoprotein CD1b1 (CD1B1), Recombinant Protein
Full Product Name	Recombinant Guinea pig T-cell surface glycoprotein CD1b1 (CD1B1), partial
Product Gene Name	CD1B1 recombinant protein
Product Synonym Gene Name	CD1B1
Sequence	TQN ALQWPTSVHG IQISSFFNHT MAQSRCSGWL GNMELGSFDS DTGTIIFKKP WSKANFSNEE VLELEELFQV YMLGFIREVQ ERMSDFQMEY PFEIQGIAGC ELISGGTIDF FLRGALEGLD FLSIKNSTCW PAPEGGTKAK KFCTLILQYK GIWDIMENLL TKTCPRYVLS VLESGKPDIQ KQVKPDAWLS QGPSPGPGLL QLVCHVSGFY PKPVWVMWMR GEQEQPETQK GDVLPNADET WYLQVTLDVA AEEAAGLSCR VKHSSLEGQD IILYWGHSIS IG
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	37,563 Da
Sequence Positions	18-302
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 Q9QZZ2
Species	Cavia porcellus (Guinea pig)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CD1B1 recombinant protein	MBS1339706 is a recombinant protein targeting CD1B1. Also known as Recombinant Guinea pig T-cell surface glycoprotein CD1b1 (CD1B1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CD1B1 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 CD1B1. It may not necessarily be applicable to this product.

NCBI GI #	290491188
NCBI GeneID	100379549
NCBI Accession #	NP_001166320.1
UniProt Primary Accession #	Q9QZZ2
UniProt Related Accession #	Q9QZZ2

GenBank Nucleotide #	NM_001172849.1
NCBI Official Full Name	T-cell surface glycoprotein CD1b1
NCBI Official Symbol	Cd1b1
NCBI Official Synonym Symbols	CD1-b1
UniProt Protein Name	T-cell surface glycoprotein CD1b1
UniProt Synonym Protein Names	CD_antigen: CD1b-1
Protein Family	T-cell surface glycoprotein
UniProt Gene Name	CD1B1
NCBI Protein Information	T-cell surface glycoprotein CD1b1
UniProt Comments for CD1B1	Antigen-presenting protein that binds self and non-self lipid and glycolipid antigens and presents them to T-cell receptors on natural killer T-cells.
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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