Maltoporin (lamB) Cronobacter Sakazakii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Maltoporin (lamB), Recombinant Protein
Full Product Name	Recombinant Cronobacter sakazakii Maltoporin (lamB)
Product Gene Name	lamB recombinant protein
Sequence	SAVDFKGYAR SGIGWTGSGG EQQCFQATGA GAKYRLGNEC ETYAELKLGQ EVWKEGDKSF YFDTNVAYSV AQQNDWEATS PAFREANVQG KNLIDALPGS TIWAGKRFYQ RHDVHMIDFY YWDISGPGAG IENVDLGFGK LSVAATRSSE AGGSATFQSD SIYDYNKSTA NDVFDVRLGS LEVNPGGTLE LGVDYGRANA RDDYYLADDA TKDGWMFTAE HVQTIGTGFN KFVVQYATDA LTSQGKGLSQ GSGIGISDTD PKFAYAQNNN GHMLRLIDHG SISMGDRWDM MYVGMYQDID WDNNNGTRWW TVGVRPMFKW TPIMSTLLEV GYDNVKSQRT DETNNQYKIT LAQQWQAGDS IWSRPALRVF ATYAKWDEKW GYDKTGNPSN NANYGYAVKD GFNGGSFGRG DNDEWTFGAQ MEIWW
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	49,744 Da
Sequence Positions	24-448, 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 A7MPN7
Species	Cronobacter sakazakii (strain BAA-894) (Enterobacter sakazakii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lamB recombinant protein	MBS1252909 is a recombinant protein targeting lamB. Also known as Recombinant Cronobacter sakazakii Maltoporin (lamB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of lamB 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 lamB. It may not necessarily be applicable to this product.

NCBI GI #	495164076
NCBI Accession #	WP_007888874.1
UniProt Primary Accession #	A7MPN7
GenBank Nucleotide #	WP_007888874.1
NCBI Official Full Name	maltoporin

UniProt Protein Name	Maltoporin
UniProt Synonym Protein Names	Maltose-inducible porin
Protein Family	Lactam utilization protein
UniProt Gene Name	lamB
UniProt Comments for lamB	Involved in the transport of maltose and maltodextrins.
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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