Galactose-6-Phosphate Isomerase Subunit Lacb (lacB) Streptococcus Pneumoniae Serotype 2 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Galactose-6-phosphate isomerase subunit lacB (lacB), Recombinant Protein
Full Product Name	Recombinant Streptococcus pneumoniae serotype 2 Galactose-6-phosphate isomerase subunit lacB (lacB)
Product Gene Name	lacB recombinant protein
Sequence	MRIAIGCDHI VTDEKMAVSE FLKSKGYEVI DFGTYDHTRT HYPIFGKKVG EAVTSGQADL GVCICGTGVG INNAVNKVPG VRSALVRDMT TALYAKEQLN ANVIGFGGKI TGELLMCDII EAFIHAEYKP SEENKKLIAK IEHLESHNAQ QTDANFFTEF LEKWDRGEYH D
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	18,958 Da
Sequence Positions	1-171, 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 Q04KC2
Species	Streptococcus pneumoniae serotype 2 (strain D39 / 7466)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lacB recombinant protein	MBS1241388 is a recombinant protein targeting lacB. Also known as Recombinant Streptococcus pneumoniae serotype 2 Galactose-6-phosphate isomerase subunit lacB (lacB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of lacB 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 lacB. It may not necessarily be applicable to this product.

NCBI GI #	447139654
NCBI GeneID	933958
NCBI Accession #	WP_001216910.1
UniProt Primary Accession #	Q04KC2
UniProt Related Accession #	Q8DPP0

GenBank Nucleotide #	WP_001216910.1
NCBI Official Full Name	MULTISPECIES: galactose-6-phosphate isomerase subunit LacB
NCBI Official Symbol	lacB
UniProt Protein Name	Galactose-6-phosphate isomerase subunit LacB
Protein Family	Galactose-6-phosphate isomerase
UniProt Gene Name	lacB
NCBI Protein Information	galactose-6-phosphate isomerase subunit LacB
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