Galactose-6-Phosphate Isomerase Subunit Laca (lacA) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Galactose-6-phosphate isomerase subunit lacA (lacA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Galactose-6-phosphate isomerase subunit lacA (lacA)
Product Gene Name	lacA recombinant protein
Product Synonym Gene Name	lacA
Sequence	MAIIIGSDEA GKRLKEVIKS YLLDNKYDVV DVTEGQEVDF VDATLAVAKD VQSQEGNLGI VIDAFGAGSF MVATKIKGMI AAEVSDERSG YMTRGHNNSR MITMGSEIVG DTLAKNVVKG FVEGKYDGGR HQIRVDMLNK MC
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	15,395 Da
Sequence Positions	1-142, 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 Q5HE10
Species	Staphylococcus aureus (strain COL)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lacA recombinant protein	MBS1478014 is a recombinant protein targeting lacA. Also known as Recombinant Staphylococcus aureus Galactose-6-phosphate isomerase subunit lacA (lacA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of lacA 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 lacA. It may not necessarily be applicable to this product.

NCBI GI #	62286697
NCBI Accession #	Q5HE10.1
UniProt Primary Accession #	Q5HE10
NCBI Official Full Name	Galactose-6-phosphate isomerase subunit LacA
UniProt Protein Name	Galactose-6-phosphate isomerase subunit LacA
Protein Family	Beta-galactosidase

UniProt Gene Name	lacA
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