Periplasmic Trehalase (treA) Xanthomonas Campestris Pv. Campestris Recombinant Protein

PRODUCT OVERVIEW

Product Name	Periplasmic trehalase (treA), Recombinant Protein
Full Product Name	Recombinant Xanthomonas campestris pv. campestris Periplasmic trehalase (treA), partial
Product Gene Name	treA recombinant protein
Product Synonym Gene Name	treA
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	62,692 Da
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 Q8P519
Species	Xanthomonas campestris pv. campestris (strain 33913 / NCPPB 528 / LMG 568)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for treA recombinant protein	MBS1280992 is a recombinant protein targeting treA. Also known as Recombinant Xanthomonas campestris pv. campestris Periplasmic trehalase (treA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of treA 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 treA. It may not necessarily be applicable to this product.

NCBI GI #	77747945
NCBI GeneID	1000094
NCBI Accession #	NP_638875.2
UniProt Primary Accession #	Q8P519
GenBank Nucleotide #	NC_003902.1
NCBI Official Full Name	trehalase
NCBI Official Symbol	treA
UniProt Protein Name	Periplasmic trehalase

UniProt Synonym Protein Names	Alpha,alpha-trehalase
Protein Family	Acid trehalase
UniProt Gene Name	treA
NCBI Protein Information	trehalase
UniProt Comments for treA	Provides the cells with the ability to utilize trehalose at high osmolarity by splitting it into glucose molecules that can subsequently be taken up by the phosphotransferase-mediated uptake system.
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