Multidrug/Solvent Efflux Pump Membrane Transporter Mepb (mepB) Pseudomonas Putida Recombinant Protein

PRODUCT OVERVIEW

Product Name	Multidrug/solvent efflux pump membrane transporter MepB (mepB), Recombinant Protein
Full Product Name	Recombinant Pseudomonas putida Multidrug/solvent efflux pump membrane transporter MepB (mepB), partial
Product Gene Name	mepB recombinant protein
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	112,836 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 P0C070
Species	Pseudomonas putida (Arthrobacter siderocapsulatus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mepB recombinant protein	MBS1258747 is a recombinant protein targeting mepB. Also known as Recombinant Pseudomonas putida Multidrug/solvent efflux pump membrane transporter MepB (mepB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mepB 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 mepB. It may not necessarily be applicable to this product.

NCBI GI #	499254953
NCBI Accession #	WP_010952493.1
UniProt Primary Accession #	P0C070
GenBank Nucleotide #	WP_010952493.1
NCBI Official Full Name	MULTISPECIES: multidrug efflux RND transporter permease subunit
UniProt Protein Name	Multidrug/solvent efflux pump membrane transporter MepB
Protein Family	Multidrug/solvent efflux pump membrane transporter
UniProt Gene Name	mepB

UniProt Comments for mepB	The inner membrane transporter component of an organic solvent and antibiotic efflux pump; confers resistance to toluene, hexane, p-xylene, ampicillin, penicillin G, erythromycin, novobiocin and tetracycline.
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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