Probable Sugar Efflux Transporter (sotB) Erwinia Tasmaniensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable sugar efflux transporter (sotB), Recombinant Protein
Full Product Name	Recombinant Erwinia tasmaniensis Probable sugar efflux transporter (sotB)
Product Gene Name	sotB recombinant protein
Sequence	MQTTPVSRKT AWLRVLMLAI AAFIFNTTEF VPVGLLSDIG SSFSMQTAQV GLMLTIYAWV VALMSLPMML LTRNVERRML LMIIFVMFVA SHALSSVAWD FTTLLISRIG IALSHAIFWS ITASLAIRVA PQGKKTQALS MMATGTALAM VLGLPIGRMI GQLLGWRITF AVIGAVAFVT MLLLLKLLPK LPSEHTGSLK SVPMLFRRPA LVALYLLIAI TVTAHYTAYS YIEPFIQSVA GLSGGFTTFL LLIFGAAGIV GSVLFSIYGN KFPATFLLAA IGLITLSMMC LYVSATHTLA VSTLCVIWGI AVMVMGLAVQ VRVLALAPDA TDVAMSLLSG IYNIGIGAGA LLGGQVSLHL NMASVGYVGG AIGILSLLWC AWSMKRHPQL RLNG
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	42,133 Da
Sequence Positions	1-394 , 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 B2VKI2
Species	Erwinia tasmaniensis (strain DSM 17950 / Et1/99)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sotB recombinant protein	MBS1232769 is a recombinant protein targeting sotB. Also known as Recombinant Erwinia tasmaniensis Probable sugar efflux transporter (sotB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sotB 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 sotB. It may not necessarily be applicable to this product.

NCBI GI #	501409870
NCBI Accession #	WP_012441436.1
UniProt Primary Accession #	B2VKI2
GenBank Nucleotide #	WP_012441436.1
NCBI Official Full Name	sugar efflux transporter

UniProt Protein Name	Probable sugar efflux transporter
Protein Family	Probable sugar efflux transporter
UniProt Gene Name	sotB
UniProt Comments for sotB	Involved in the efflux of sugars. The physiological role may be the reduction of the intracellular concentration of toxic sugars or sugar metabolites.
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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