Protein Tolb (tolB) Geobacter Sulfurreducens Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein TolB (tolB), Recombinant Protein
Full Product Name	Recombinant Geobacter sulfurreducens Protein TolB (tolB)
Product Gene Name	tolB recombinant protein
Product Synonym Gene Name	tolB
Sequence	EDVYREVTAS GAHNLTLAVD NPRNLGGADD AALARDVAEV LRFDMTLAGP FSVMAPPAGT SPGGIRPGEF DLDSWRNAGV DLLVKSGYTI TGDSVTMEFR LYNATQGREL AAKRYTGKRS DLRRITHTFS DDIMQTMTGE RGPFTGKIAF VSTESGNKEI YLMDYDGHNV QRLTKNRSIN LNPDFSPNGR ELAYTSYRRG NPDLFRREIF TGTEAVVSSH RGINVTGTWS PDGKQLALAM SRDGNSEIYA ISRDGRDPRR LTTHQAIDVS PAWSPDGKRI AFVSDRLGKP QVFIMNADGS DVRRLTTSGA YNVSPRWSPK GDRLVYCRQE GGFQIYSIAT DGTGDTRLTS EGSNEHPRWS PDGRFLTFSS TRDGGEAIYV MRSDGSGQTR VYRSKGKASH PTWSPRW
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	47,671 Da
Sequence Positions	26-432, 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 Q74H67
Species	Geobacter sulfurreducens (strain 51573 / DSM 12127 / PCA)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tolB recombinant protein	MBS1326216 is a recombinant protein targeting tolB. Also known as Recombinant Geobacter sulfurreducens Protein TolB (tolB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tolB 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 tolB. It may not necessarily be applicable to this product.

NCBI GI #	39995136
NCBI GeneID	2688562
NCBI Accession #	NP_951087.1
UniProt Primary Accession #	Q74H67

UniProt Related Accession #	Q74H67
GenBank Nucleotide #	NC_002939.5
NCBI Official Full Name	biopolymer transport TolB-like protein
NCBI Official Symbol	GSU0025
UniProt Protein Name	Protein TolB
Protein Family	Protein
UniProt Gene Name	tolB
NCBI Protein Information	biopolymer transport TolB-like protein
UniProt Comments for tolB	Involved in the TonB-independent uptake of proteins.
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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