Toluene Efflux Pump Outer Membrane Protein Ttgf (ttgF) Pseudomonas Putida Recombinant Protein

PRODUCT OVERVIEW

Product Name	Toluene efflux pump outer membrane protein ttgF (ttgF), Recombinant Protein
Full Product Name	Recombinant Pseudomonas putida Toluene efflux pump outer membrane protein ttgF (ttgF)
Product Gene Name	ttgF recombinant protein
Product Synonym Gene Name	ttgF
Sequence	CSLIPDYQRP PAPIQAGWPQ GEAYAKLKAG THRPSQTRDA ELNWQVFFRD PVMRELIATA LNNNRDLRQT ALNVEAYRAL HRIERSALLP RANTGVGATR QRLPADLSPT GEAGIQSQYD TTLSMSYELD MFGRLRSLER AALQEYLAAA ETQRSMQIAL IADVAIAYLS WRSDQAQLDL ARSTLASYEN SLNLIKSSRE VGTASALDVR QARSLVETAR VQQTLYTRQV AQDMNALQLL LGTKLPADLP ISDVLDQPLA ALSTGLPADL LLHRPDIRAA EHRLLAANAN IGAARAAFFP SITLTAAAGT ASHELDGLFE GGSGLWAFMP RINLPIFTAG RLRGNLDYRN VIKDINVAEY EKSIQTAFRE VADGLAARGT FGEQLQAQRD LVDNNQAYYK LAYQRYDEGV DNYLAVLDAQ RELFAAQQQF LSDRLNQLSS EVRLFKALGG GWDNISSQPL TAQN
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	52,890 Da
Sequence Positions	17-480, 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 Q9KWV3
Species	Pseudomonas putida (Arthrobacter siderocapsulatus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ttgF recombinant protein	MBS1338840 is a recombinant protein targeting ttgF. Also known as Recombinant Pseudomonas putida Toluene efflux pump outer membrane protein ttgF (ttgF). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ttgF 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 ttgF. It may not necessarily be applicable to this product.

NCBI GI #	403314382
NCBI Accession #	Q9KWV3.2
UniProt Primary Accession #	Q9KWV3

UniProt Secondary Accession #	Q3LWR5; I7BEK2
NCBI Official Full Name	Toluene efflux pump outer membrane protein TtgF
UniProt Protein Name	Toluene efflux pump outer membrane protein TtgF
Protein Family	Toluene efflux pump outer membrane protein
UniProt Gene Name	ttgF
UniProt Synonym Gene Names	sepC
UniProt Comments for ttgF	The outer membrane component of an inducible organic solvent efflux pump. Involved in export of toluene and styrene but not of m-xylene, propylbenzene or ethylbenzene. Is not involved in antibiotic or AMP efflux.
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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