Trk System Potassium Uptake Protein Trka Homolog (trkA) Archaeoglobus Fulgidus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Trk system potassium uptake protein trkA homolog (trkA), Recombinant Protein
Full Product Name	Recombinant Archaeoglobus fulgidus Trk system potassium uptake protein trkA homolog (trkA)
Product Gene Name	trkA recombinant protein
Sequence	MRIVIAGAGE VGYHLAMSLA PNHDVIIIEK DVSRFERVSE LDVVAINGNA ANMKVLRDAG VERADVFLAV TGNDEVNLLS GLAAKKVGAK NVIVRVENPE YVDRPIVKEH PLGYDVLICP QLSLAQEAAR LIGIPGAIEV VTFSGGKVEM IELQVMEGSK ADGKAIADLY LPQNVVIASI YRNGHIEIPR GDTVLRAGDR VAIVSKTEDV EMLKGIFGPP VTRRVTIFGA GTIGSYTAKI LAKGMTSVKL IESSMERCEA LSGELEGVRI VCGDATDIEF LIEEEIGKSD AVLAATESDE KNLLISLLSK NLGARIAIAK VEKREYVKLF EAVGVDVALN PRSVTYNEVS KLLRTMRIET LAEIEGTAVV EVVVRNTRLV GKALKDLPLP KDAIIGAIVR GNECLIPRGD TTIEYEDRLL VFAKWDEIEK IEEIFR
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	47,365 Da
Sequence Positions	1-436, 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 O29420
Species	Archaeoglobus fulgidus (strain 49558 / VC-16 / DSM 4304 / JCM 9628 / NBRC 100126)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for trkA recombinant protein	MBS1130402 is a recombinant protein targeting trkA. Also known as Recombinant Archaeoglobus fulgidus Trk system potassium uptake protein trkA homolog (trkA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of trkA 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 trkA. It may not necessarily be applicable to this product.

NCBI GI #	499180801
NCBI Accession #	WP_010878341.1
UniProt Primary Accession #	O29420
GenBank Nucleotide #	WP_010878341.1

NCBI Official Full Name	Trk system potassium transport protein TrkA
UniProt Protein Name	Trk system potassium uptake protein TrkA homolog
Protein Family	Trk system potassium uptake protein
UniProt Gene Name	trkA
UniProt Synonym Gene Names	K(+)-uptake protein TrkA homolog
UniProt Comments for trkA	Part of a potassium transport system.
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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