Threonine/Serine Transporter Tdcc (tdcC) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Threonine/serine transporter TdcC (tdcC), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Threonine/serine transporter TdcC (tdcC), partial
Product Gene Name	tdcC recombinant protein
Sequence	MSTSDSIVSS QTKQSSWRKS DTTWTLGLFG TAIGAGVLFF PIRAGFGGLI PILLMLVLAY PIAFYCHRAL ARLCLSGSNP SGNITETVEE HFGKTGGVVI TFLYFFAICP LLWIYGVTIT NTFMTFWENQ LGFAPLNRGF VALFLLLLMA FVIWFGKDLM VKVMSYLVWP FIASLVLISL SLIPYWNSAV IDQVDLGSLS LTGHDGILIT VWLGISIMVF SFNFSPIVSS FVVSKREEYE KDFGRDFTER KCSQIISRAS MLMVAVVMFF AFSCLFTLSP ANMAEAKAQN IPVLSYLANH FASMTGTKTT FAITLEYAAS IIALVAIFKS FFGHYLGTLE GLNGLVLKFG YKGDKTKVSL GKLNTISMIF IMGSTWVVAY ANPNILDLIE AMGAPIIASL LCLLPMYAIR KAPSLAKYRG RLDNVFVTVI GLLTILNIVY KLF
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	48,879 Da
Sequence Positions	1-443
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 B1XGT1
Species	Escherichia coli (strain K12 / DH10B)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tdcC recombinant protein	MBS1128787 is a recombinant protein targeting tdcC. Also known as Recombinant Escherichia coli Threonine/serine transporter TdcC (tdcC), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tdcC 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 tdcC. It may not necessarily be applicable to this product.

NCBI GI #	446029868
NCBI Accession #	WP_000107723.1
UniProt Primary Accession #	B1XGT1
GenBank Nucleotide #	WP_000107723.1
NCBI Official Full Name	MULTISPECIES: threonine/serine transporter TdcC

UniProt Protein Name	Threonine/serine transporter TdcC
UniProt Synonym Protein Names	H(+)/threonine-serine symporter
Protein Family	Threonine/serine transporter
UniProt Gene Name	tdcC
UniProt Comments for tdcC	Involved in the import of threonine and serine into the cell, with the concomitant import of a proton (symport 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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