UPF0059 Membrane Protein Cce_3994 (Cce_3994) (cce_3994) Cyanothece Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0059 membrane protein cce_3994 (cce_3994), Recombinant Protein
Full Product Name	Recombinant Cyanothece sp. UPF0059 membrane protein cce_3994 (cce_3994)
Product Gene Name	cce_3994 recombinant protein
Product Synonym Gene Name	Recombinant UPF0059 membrane protein cce_3994 (cce_3994); UPF0059 membrane protein cce_3994
Sequence	MELVNITCLG LGLAADAFAV SLSSGFVIQR IKFNKALKIA LFFGIFQAIM PLIGWLTGLS FREFMTNIDH WIAFILLLGI GSKMIYEAYK EMDDDDKFNP LDTYTLLALA IATSIDALAA GLGLSLLKTS ILLPCTLIGL ITFVLSFIGV FIGHKFGSIF NKKIEIIGGL TLIIIGSKIL IEDLIKPI
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	20,504 Da
Sequence Positions	1-188
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.
Chromosome Location	Chromosome: circular; NC_010546.1 (4129385..4129951). Location: chromosome: circular
3D Structure	ModBase 3D Structure for B1WQP0
Species	Cyanothece sp. (strain 51142)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cce_3994 recombinant protein	MBS1151977 is a recombinant protein targeting cce_3994. Also known as Recombinant Cyanothece sp. UPF0059 membrane protein cce_3994 (cce_3994). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cce_3994 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 cce_3994. It may not necessarily be applicable to this product.

NCBI GI #	172038907
NCBI GeneID	6171070
NCBI Accession #	YP_001805408.1
UniProt Primary Accession #	B1WQP0

UniProt Related Accession #	B1WQP0
GenBank Nucleotide #	NC_010546.1
NCBI Official Full Name	hypothetical protein cce_3994
NCBI Official Symbol	cce_3994
UniProt Protein Name	Putative manganese efflux pump MntP
UniProt Gene Name	mntP
UniProt Entry Name	MNTP_CYAA5
NCBI Protein Information	hypothetical protein
UniProt Comments for cce_3994	Function: Probably functions as a manganese efflux pump By similarity. HAMAP-Rule MF_01521 Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_01521. Sequence similarities: Belongs to the MntP (TC 9.B.29) family. [View classification]
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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