UPF0059 Membrane Protein Cli_0469 (mntP1) Clostridium Botulinum Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0059 membrane protein CLI_0469 (mntP1), Recombinant Protein
Full Product Name	Recombinant Clostridium botulinum UPF0059 membrane protein CLI_0469 (CLI_0469)
Product Gene Name	mntP1 recombinant protein
Sequence	MEVQELFLLA LAISLDAFGV ILCIGINKGI TLKSSIIFVF SFGFFQFFLS FLGGYIGTIF NKYIVPIPTI VGGLIIIIVG ILMITEGFKE KEESIFLNKI MYLILGVSVS IDALVIGFTT LSYINNLFYL FMSSLFMGLI ATIICSLGII LSKYIKKISI ISSYADYIGG IILILFGLKM LFF
Host	Cell Free Expression
Form/Format	Liquid containing glycerol
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, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.
Molecular Weight	20,259 Da
Sequence Positions	1-183aa; full length protein
3D Structure	ModBase 3D Structure for A7GAF5
Species	Clostridium botulinum (strain Langeland / 10281 / Type F)
Product Categories/Family for mntP1 recombinant protein	Transmembrane Protein
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Application Notes for mntP1 recombinant protein	This is a recombinant transmembrane protein expressed in a cell-free expression system.
Related Product Information for mntP1 recombinant protein	MBS7037136 is a recombinant protein targeting mntP1. Also known as Recombinant Clostridium botulinum UPF0059 membrane protein CLI_0469 (CLI_0469). Host: Cell Free Expression.
Other Notes	Small volumes of mntP1 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 mntP1. It may not necessarily be applicable to this product.

NCBI GI #	500753455
NCBI Accession #	WP_011987418.1
UniProt Primary Accession #	A7GAF5
GenBank Nucleotide #	WP_011987418.1
NCBI Official Full Name	MULTISPECIES: membrane protein
UniProt Protein Name	Putative manganese efflux pump MntP 1
Protein Family	Putative manganese efflux pump

UniProt Gene Name	mntP1
UniProt Entry Name	MNTP1_CLOBL
UniProt Comments for mntP1	Probably functions as a manganese efflux pump.
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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