Ycf48-Like Protein (Pmn2a_1662) (PMN2A_1662) Prochlorococcus Marinus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ycf48-like protein (PMN2A_1662), Recombinant Protein
Full Product Name	Recombinant Prochlorococcus marinus Ycf48-like protein (PMN2A_1662)
Product Gene Name	PMN2A_1662 recombinant protein
Product Synonym Gene Name	PMN2A_1662
Sequence	SIGSSSPWSL VDLDTEANPL DVDFVDDKNG FLVGTNRLIL ETNDGGITWK ERNLDIPSEG NFRLISVDFK GQEGWIAGQP GLILHTTDGG KNWTRLDLGN KLPGDPYLIT TIDTDIAELA TTAGAIYKTT DAGTNWEAIV VDTSGSGGIR ELRRTNNGGY ISVSSLGNFF SVLRPGEEIW SPHQRASSKR VQSVGEQPNG DLWMLSRGAE IRFNADPDDI DSWSKPIIPI VNGYNYQDLV WDPSKSIWAA GGNGTLLVSN DEGKTWEKDP VGESVPTNFI RILFLDDLNS ESPKGFVFGE RGNLLRWQG
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	36,859 Da
Sequence Positions	30-338, 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 Q46M02
Species	Prochlorococcus marinus (strain NATL2A)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PMN2A_1662 recombinant protein	MBS1441195 is a recombinant protein targeting PMN2A_1662. Also known as Recombinant Prochlorococcus marinus Ycf48-like protein (PMN2A_1662). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PMN2A_1662 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 PMN2A_1662. It may not necessarily be applicable to this product.

NCBI GI #	499613561
NCBI Accession #	WP_011294295.1
UniProt Primary Accession #	Q46M02

GenBank Nucleotide #	WP_011294295.1
NCBI Official Full Name	photosynthesis system II assembly factor Ycf48
UniProt Protein Name	Ycf48-like protein
UniProt Gene Name	PMN2A_1662
UniProt Comments for PMN2A_1662	Unknown. The ortholog in A.thaliana is involved in photosystem II (PSII) assembly, but knockout of the corresponding gene in Synechoccus PCC 7002 has no effect on PSII activity.
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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