Photosystem I Assembly Protein Ycf3 (ycf3) Prochlorococcus Marinus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Photosystem I assembly protein ycf3 (ycf3), Recombinant Protein
Full Product Name	Recombinant Prochlorococcus marinus Photosystem I assembly protein ycf3 (ycf3)
Product Gene Name	ycf3 recombinant protein
Sequence	MPSNQNRDNF IDKAFTVIAE SIVKIMPIAE KEKKAYIYYR DGLAAQNNGD YSEALEYYKE SLLLEENKID RGETLKNMAI IYMSNGEEDL SIETYEKALV ENPKQPSCLK NIGLIYEKRG RNAEQNGDLD QRDIWFDKAA EVWSKAVRLY PGGYLDIENW LKNSGRSSID MYL
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	19,983 Da
Sequence Positions	1-173, 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 A3PAJ9
Species	Prochlorococcus marinus (strain MIT 9301)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ycf3 recombinant protein	MBS1258691 is a recombinant protein targeting ycf3. Also known as Recombinant Prochlorococcus marinus Photosystem I assembly protein ycf3 (ycf3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ycf3 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 ycf3. It may not necessarily be applicable to this product.

NCBI GI #	500188820
NCBI Accession #	WP_011862177.1
UniProt Primary Accession #	A3PAJ9
GenBank Nucleotide #	WP_011862177.1
NCBI Official Full Name	photosystem I assembly protein Ycf3
UniProt Protein Name	Photosystem I assembly protein Ycf3

Protein Family	Photosystem I assembly protein
UniProt Gene Name	ycf3
UniProt Comments for ycf3	Essential for the assembly of the photosystem I (PSI) complex. May act as a chaperone-like factor to guide the assembly of the PSI subunits.
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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