Photosystem II Reaction Center Protein Ycf12 (ycf12) Aneura Mirabilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Photosystem II reaction center protein ycf12 (ycf12), Recombinant Protein
Full Product Name	Recombinant Aneura mirabilis Photosystem II reaction center protein ycf12 (ycf12), partial
Product Gene Name	ycf12 recombinant protein
Sequence	MNLEVIAQPI VLGLIVASGP LVIVSLAARR GNL
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	3,398 Da
Sequence Positions	1-33
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 B0YPM6
Species	Aneura mirabilis (Parasitic liverwort) (Cryptothallus mirabilis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ycf12 recombinant protein	MBS1258318 is a recombinant protein targeting ycf12. Also known as Recombinant Aneura mirabilis Photosystem II reaction center protein ycf12 (ycf12), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ycf12 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 ycf12. It may not necessarily be applicable to this product.

NCBI GI #	169142787
NCBI GeneID	5952133
NCBI Accession #	YP_001687212.1
UniProt Primary Accession #	B0YPM6
UniProt Related Accession #	B0YPM6
GenBank Nucleotide #	NC_010359.1
NCBI Official Full Name	hypothetical chloroplast RF12 (chloroplast)

NCBI Official Symbol	ycf12
UniProt Protein Name	Photosystem II reaction center protein Ycf12
Protein Family	Photosystem II reaction center protein
UniProt Gene Name	ycf12
NCBI Protein Information	hypothetical chloroplast RF12
UniProt Comments for ycf12	A core subunit of photosystem II (PSII).
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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