Uncharacterized Protein Ycf17 (ycf17) Cyanidium Caldarium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized protein ycf17 (ycf17), Recombinant Protein
Full Product Name	Recombinant Cyanidium caldarium Uncharacterized protein ycf17 (ycf17)
Product Gene Name	ycf17 recombinant protein
Product Synonym Gene Name	ycf17
Sequence	MPKYGFHQST ELINGRLAML AFILSLFIEF ITEQKILHFL KFL
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	5,100 Da
Sequence Positions	1-43, 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 Q9TM07
Species	Cyanidium caldarium
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ycf17 recombinant protein	MBS1350000 is a recombinant protein targeting ycf17. Also known as Recombinant Cyanidium caldarium Uncharacterized protein ycf17 (ycf17). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ycf17 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 ycf17. It may not necessarily be applicable to this product.

NCBI GI #	11465499
NCBI GeneID	800185
NCBI Accession #	NP_045110.1
UniProt Primary Accession #	Q9TM07
UniProt Related Accession #	Q9TM07
GenBank Nucleotide #	NC_001840.1
NCBI Official Full Name	hypothetical protein CycaCp093 (chloroplast)

NCBI Official Symbol	ycf17
UniProt Protein Name	Uncharacterized protein ycf17
UniProt Synonym Protein Names	ORF48
UniProt Gene Name	ycf17
UniProt Synonym Gene Names	ycf21
NCBI Protein Information	hypothetical protein
UniProt Comments for ycf17	Possible role in chlorophyll and/or carotenoid binding.
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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