Protein Ycf2 B (ycf2-B) Atropa Belladonna Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein ycf2 B (ycf2-B), Recombinant Protein
Full Product Name	Recombinant Atropa belladonna Protein ycf2 B (ycf2-B), partial
Product Gene Name	ycf2-B recombinant protein
Product Synonym Gene Name	ycf2-B
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	267,872 Da
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 Q8S8U1
Species	Atropa belladonna (Belladonna) (Deadly nightshade)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ycf2-B recombinant protein	MBS1312047 is a recombinant protein targeting ycf2-B. Also known as Recombinant Atropa belladonna Protein ycf2 B (ycf2-B), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ycf2-B 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 ycf2-B. It may not necessarily be applicable to this product.

NCBI GI #	28261781
NCBI GeneID	806447
NCBI Accession #	NP_783294.1
UniProt Primary Accession #	Q8S8U1
UniProt Related Accession #	Q8S8U1
GenBank Nucleotide #	NC_004561.1
NCBI Official Full Name	Ycf2 (chloroplast)
NCBI Official Symbol	ycf2
UniProt Protein Name	Protein Ycf2 B

Protein Family	Protein
UniProt Gene Name	ycf2-B
NCBI Protein Information	Ycf2
UniProt Comments for ycf2-B	Probable ATPase of unknown function. Its presence in a non-photosynthetic plant (Epifagus virginiana) and experiments in tobacco indicate that it has an essential function which is probably not related to photosynthesis.
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