Photosystem I Reaction Center Subunit IX (psaJ) Ceratophyllum Demersum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Photosystem I reaction center subunit IX (psaJ), Recombinant Protein
Full Product Name	Recombinant Ceratophyllum demersum Photosystem I reaction center subunit IX (psaJ), partial
Product Gene Name	psaJ recombinant protein
Sequence	MRDIKTYLSV APVISTLWFG SLAGLLIEIN RLFPDALVFP FFSF
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	5,007 Da
Sequence Positions	1-44
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 A8SEC3
Species	Ceratophyllum demersum (Rigid hornwort) (Coontail)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psaJ recombinant protein	MBS1252208 is a recombinant protein targeting psaJ. Also known as Recombinant Ceratophyllum demersum Photosystem I reaction center subunit IX (psaJ), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of psaJ 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 psaJ. It may not necessarily be applicable to this product.

NCBI GI #	159161180
NCBI GeneID	5729418
NCBI Accession #	YP_001542467.1
UniProt Primary Accession #	A8SEC3
UniProt Related Accession #	A8SEC3
GenBank Nucleotide #	NC_009962.1
NCBI Official Full Name	photosystem I subunit IX (chloroplast)

NCBI Official Symbol	psaJ
UniProt Protein Name	Photosystem I reaction center subunit IX
UniProt Synonym Protein Names	PSI-J
Protein Family	Photosystem I reaction center
UniProt Gene Name	psaJ
NCBI Protein Information	photosystem I subunit IX
UniProt Comments for psaJ	May help in the organization of the PsaE and PsaF 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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