Photosystem I Reaction Center Subunit XI (psaL) Prochlorococcus Marinus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Photosystem I reaction center subunit XI (psaL), Recombinant Protein
Full Product Name	Recombinant Prochlorococcus marinus Photosystem I reaction center subunit XI (psaL)
Product Gene Name	psaL recombinant protein
Product Synonym Gene Name	psaL
Product Synonym Names	Recombinant Photosystem I reaction center subunit XI (psaL); Photosystem I reaction center subunit XI; PSI subunit V PSI-L
Sequence	MSDFQKSFSE STNSIKFDDK YRDNSVQPDD IGVANQWAVK TVADPCVGNL ATPVNSGYFT KAFINNLPFY REGISPNFRG LETGAAFGYL LYGPFTMTGP LRNSDFAITA GLLAAIGAVH IMTALLVLYN APGKAPNVQP PDATVNNPPA DLFTRAGWAD FTSGFWLGGC GGAVFAWLLV GTLHLDTIMP IIKNIWTAG
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	21,360 Da
Sequence Positions	1-199
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.
Chromosome Location	NC_008817.1 (1497044..1497643, complement)
3D Structure	ModBase 3D Structure for A2BYP5
Species	Prochlorococcus marinus (strain MIT 9515)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psaL recombinant protein	MBS1162653 is a recombinant protein targeting psaL. Also known as Recombinant Prochlorococcus marinus Photosystem I reaction center subunit XI (psaL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of psaL 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 psaL. It may not necessarily be applicable to this product.

NCBI GI #	123966932
NCBI GeneID	4720208
NCBI Accession #	YP_001012013.1

UniProt Primary Accession #	A2BYP5
UniProt Related Accession #	A2BYP5
GenBank Nucleotide #	NC_008817.1
NCBI Official Full Name	photosystem I reaction center protein subunit XI
NCBI Official Symbol	psaL
UniProt Protein Name	Photosystem I reaction center subunit XI
UniProt Synonym Protein Names	PSI subunit V; PSI-L
Protein Family	Photosystem I reaction center
UniProt Gene Name	psaL
UniProt Entry Name	PSAL_PROM5
NCBI Protein Information	photosystem I reaction center protein subunit XI
UniProt Comments for psaL	Subcellular location: Cellular thylakoid membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_00447. Sequence similarities: Belongs to the PsaL family.
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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