Photosystem I Reaction Center Subunit XI (Psal) (Ava_1476) Anabaena Variabilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Photosystem I reaction center subunit XI (psaL) (Ava_1476), Recombinant Protein
Full Product Name	Recombinant Anabaena variabilis Photosystem I reaction center subunit XI (psaL)
Product Gene Name	Ava_1476 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	MAQAVDASKN LPSDPRNREV VFPAGRDPQW GNLETPVNAS PLVKWFINNL PAYRPGLTPF RRGLEVGMAH GYFLFGPFAK LGPLRDAANA NLAGLLGAIG LVVLFTLSLS LYANSNPPKA LASVTVPNPP DAFQSKEGWN NFASAFLIGG IGGAVVAYFL TSNFALIQGL VG
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	18,196 Da
Sequence Positions	1-172
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_007413.1 (1822358..1822876, complement)
3D Structure	ModBase 3D Structure for P31092
Species	Anabaena variabilis (strain 29413 / PCC 7937)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ava_1476 recombinant protein	MBS1261430 is a recombinant protein targeting Ava_1476. Also known as Recombinant Anabaena variabilis Photosystem I reaction center subunit XI (psaL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ava_1476 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 Ava_1476. It may not necessarily be applicable to this product.

NCBI GI #	75907698
NCBI GeneID	3682519

NCBI Accession #	YP_321994.1
UniProt Primary Accession #	P31092
UniProt Secondary Accession #	Q3MD37
UniProt Related Accession #	ZP_00158131
GenBank Nucleotide #	NC_007413.1
NCBI Official Full Name	photosystem I reaction center protein subunit XI
NCBI Official Symbol	Ava_1476
UniProt Protein Name	Photosystem I reaction center subunit XI
UniProt Synonym Protein Names	PSI subunit V; PSI-L
UniProt Gene Name	psaL
UniProt Entry Name	PSAL_ANAVT
NCBI Protein Information	photosystem I reaction center protein subunit XI
UniProt Comments for Ava_1476	Subcellular location: Cellular thylakoid membrane; Multi-pass membrane protein Probable 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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