Photosystem II Reaction Center Protein T (psbT) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Photosystem II reaction center protein T (psbT), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Photosystem II reaction center protein T (psbT), partial
Product Gene Name	psbT recombinant protein
Sequence	MEALVYTFLL VSTLGIIFFA IFFREPPKVP TKKVK
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	4,045 Da
Sequence Positions	1-35
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 P69674
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psbT recombinant protein	MBS1247676 is a recombinant protein targeting psbT. Also known as Recombinant Oryza sativa subsp. japonica Photosystem II reaction center protein T (psbT), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of psbT 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 psbT. It may not necessarily be applicable to this product.

NCBI GI #	11466816
NCBI GeneID	3131475
NCBI Accession #	NP_039412.1
UniProt Primary Accession #	P69674
UniProt Secondary Accession #	P12183
UniProt Related Accession #	P69674
GenBank Nucleotide #	NC_001320.1

NCBI Official Full Name	photosystem II protein T (plastid)
NCBI Official Symbol	psbT
UniProt Protein Name	Photosystem II reaction center protein T
Protein Family	Photosystem II reaction center protein
UniProt Gene Name	psbT
UniProt Synonym Gene Names	ycf8; PSII-T
NCBI Protein Information	ORF35
UniProt Comments for psbT	Seems to play a role in the dimerization of PSII.
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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