Photosystem II Reaction Center Psb28 Protein (psb28) Gracilaria Tenuistipitata Var. Liui Recombinant Protein

PRODUCT OVERVIEW

Product Name	Photosystem II reaction center psb28 protein (psb28), Recombinant Protein
Full Product Name	Recombinant Gracilaria tenuistipitata var. liui Photosystem II reaction center psb28 protein (psb28)
Product Gene Name	psb28 recombinant protein
Product Synonym Gene Name	psb28
Sequence	MAVIQFIKGI NETVVADVSL TRSRDGSKGT ATFRFNNPDI LKSGMEDKGD ITGMYLKDDE GELMTRDVSA KFINGKPQAV EAIYIIKSPQ EWDRFMRFME KYANENKLSF TKAK
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	12,937 Da
Sequence Positions	1-114, Full length protein
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 Q6B8Z7
Species	Gracilaria tenuistipitata var. liui (Red alga)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psb28 recombinant protein	MBS1304353 is a recombinant protein targeting psb28. Also known as Recombinant Gracilaria tenuistipitata var. liui Photosystem II reaction center psb28 protein (psb28). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of psb28 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 psb28. It may not necessarily be applicable to this product.

NCBI GI #	51209899
NCBI GeneID	2943997
NCBI Accession #	YP_063563.1
UniProt Primary Accession #	Q6B8Z7
UniProt Related Accession #	Q6B8Z7
GenBank Nucleotide #	NC_006137.1

NCBI Official Full Name	photosystem II protein W (chloroplast)
NCBI Official Symbol	psbW
UniProt Protein Name	Photosystem II reaction center Psb28 protein
UniProt Synonym Protein Names	Photosystem II 13 kDa protein
Protein Family	Photosystem II reaction center Psb28 protein
UniProt Gene Name	psb28
NCBI Protein Information	photosystem II protein W
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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