Cytochrome C-550 (psbV) Gracilaria Tenuistipitata Var. Liui Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytochrome c-550 (psbV), Recombinant Protein
Full Product Name	Recombinant Gracilaria tenuistipitata var. liui Cytochrome c-550 (psbV)
Product Gene Name	psbV recombinant protein
Product Synonym Gene Name	psbV
Sequence	MELDEATRTV TLEESGKTIT LTPEQVKRGK RLFNNSCAQC HNGGITKTNP NIGLDPESLS GATPVRDNIR NLIEYIKDPT SYDGATSIAE LHPSIKSAEI FPKMRNLTDE DLFAIAGHIL IQPKIAAEKW GGGKIYY
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	18,189 Da
Sequence Positions	28-164, 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 Q6B942
Species	Gracilaria tenuistipitata var. liui (Red alga)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for psbV recombinant protein	MBS1308448 is a recombinant protein targeting psbV. Also known as Recombinant Gracilaria tenuistipitata var. liui Cytochrome c-550 (psbV). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of psbV 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 psbV. It may not necessarily be applicable to this product.

NCBI GI #	51209854
NCBI GeneID	2944155
NCBI Accession #	YP_063518.1
UniProt Primary Accession #	Q6B942
UniProt Related Accession #	Q6B942
GenBank Nucleotide #	NC_006137.1

NCBI Official Full Name	photosystem II cytochrome c550 (chloroplast)
NCBI Official Symbol	psbV
UniProt Protein Name	Cytochrome c-550
UniProt Synonym Protein Names	Cytochrome c550
UniProt Gene Name	psbV
NCBI Protein Information	photosystem II cytochrome c550
UniProt Comments for psbV	Low-potential cytochrome c that plays a role in the oxygen-evolving complex of photosystem II.
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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