Cytochrome B6-F Complex Subunit 8 (petN) Pinus Koraiensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytochrome b6-f complex subunit 8 (petN), Recombinant Protein
Full Product Name	Recombinant Pinus koraiensis Cytochrome b6-f complex subunit 8 (petN), partial
Product Gene Name	petN recombinant protein
Sequence	MIRMDIVGIT WAALMVVFTF SLSLVVWGRS GL
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	3,570 Da
Sequence Positions	1-32
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 A4QM18
Species	Pinus koraiensis (Korean pine)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for petN recombinant protein	MBS1256035 is a recombinant protein targeting petN. Also known as Recombinant Pinus koraiensis Cytochrome b6-f complex subunit 8 (petN), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of petN 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 petN. It may not necessarily be applicable to this product.

NCBI GI #	145408471
NCBI GeneID	5048510
NCBI Accession #	YP_001152094.1
UniProt Primary Accession #	A4QM18
UniProt Related Accession #	A4QM18
GenBank Nucleotide #	NC_004677.2
NCBI Official Full Name	a subunit of cytochrome b6f complex (chloroplast)
NCBI Official Symbol	petN

UniProt Protein Name	Cytochrome b6-f complex subunit 8
UniProt Synonym Protein Names	Cytochrome b6-f complex subunit PetN
Protein Family	Cytochrome b6-f complex
UniProt Gene Name	petN
NCBI Protein Information	synonym: ycf6
UniProt Comments for petN	Component of the cytochrome b6-f complex, which mediates electron transfer between photosystem II (PSII) and photosystem I (PSI), cyclic electron flow around PSI, and state transitions.
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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