Cytochrome C (pscC) Chlorobium Tepidum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytochrome c (pscC), Recombinant Protein
Full Product Name	Recombinant Chlorobium tepidum Cytochrome c (pscC)
Product Gene Name	pscC recombinant protein
Product Synonym Gene Name	pscC
Product Synonym Names	Recombinant Cytochrome c (pscC); Cytochrome c; Photosystem P840 reaction center cytochrome c-551
Sequence	MDKNSNGKLI ALAVGGAVLM GALFFSVSFL TGYIPAPNHS AILTPLRSFM GWFLLIFCAS IIIMGLGKMS SAISDKWFLS FPLSIFVIVM VMFLSLRVYW EKGRTTTVDG KYIRTTAELK EFLNKPAATS DVPPAPAGFD FDAAKKLVDV RCNKCHTLDS VADLFRTKYK KTGQVNLIVK RMQGFPGSGI SDDDAKTIGI WLHEKF
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	22,715 Da
Sequence Positions	1-206
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_002932.3 (1548200..1548820, complement)
3D Structure	ModBase 3D Structure for O07091
Species	Chlorobium tepidum (strain 49652 / DSM 12025 / TLS)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pscC recombinant protein	MBS1130366 is a recombinant protein targeting pscC. Also known as Recombinant Chlorobium tepidum Cytochrome c (pscC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pscC 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 pscC. It may not necessarily be applicable to this product.

NCBI GI #	21674457
NCBI GeneID	1006127
NCBI Accession #	NP_662522.1
UniProt Primary Accession #	O07091

UniProt Related Accession #	O07091
GenBank Nucleotide #	NC_002932.3
NCBI Official Full Name	photosystem P840 reaction center cytochrome c-551
NCBI Official Symbol	pscC
UniProt Protein Name	Cytochrome c
UniProt Synonym Protein Names	Photosystem P840 reaction center cytochrome c-551
Protein Family	Photosynthetic reaction center cytochrome
UniProt Gene Name	pscC
UniProt Entry Name	CY551_CHLTE
NCBI Protein Information	photosystem P840 reaction center cytochrome c-551
UniProt Comments for pscC	Function: Monoheme cytochrome which is the immediate electron donor to P840 of the photosynthetic reaction center complex. Subcellular location: Cell membrane; Multi-pass membrane protein Probable. Post-translational modification: Binds 1 heme group per subunit.
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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