Pyrroloquinoline-Quinone Synthase (pqqC) Acinetobacter Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pyrroloquinoline-quinone synthase (pqqC), Recombinant Protein
Full Product Name	Recombinant Acinetobacter sp. Pyrroloquinoline-quinone synthase (pqqC)
Product Gene Name	pqqC recombinant protein
Product Synonym Gene Name	pqqC
Sequence	MRFNMTTTLF SPAEFEQALR DKGRYYHIHH PYHIMMNDGH ATKQQIQGWV ANRFYYQVNI PLKDAAIMAN CPDPATRRKW VQRILDHDGQ HDDHGGIEAW LRLGEAVGLD RETILSQKMV LPSVRFAVDA YVNFARRACW QEAACSSLTE LFAPAIHQSR LDTWPTHYPW IDAEGYAYFR GRLSQANRDV EHGLELALEY CNTVDRQQRM LNILQFKLDI LWTILDGMSM AYVLERAPYH TVTQEAVWHQ KGLLG
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	29,662 Da
Sequence Positions	1-255, Full length
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 Q6F9J1
Species	Acinetobacter sp. (strain ADP1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pqqC recombinant protein	MBS1436611 is a recombinant protein targeting pqqC. Also known as Recombinant Acinetobacter sp. Pyrroloquinoline-quinone synthase (pqqC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pqqC 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 pqqC. It may not necessarily be applicable to this product.

NCBI GI #	115304322
NCBI Accession #	Q6F9J1.1
UniProt Primary Accession #	Q6F9J1
NCBI Official Full Name	Pyrroloquinoline-quinone synthase
UniProt Protein Name	Pyrroloquinoline-quinone synthase

UniProt Synonym Protein Names	Coenzyme PQQ synthesis protein C
Protein Family	Pyrroloquinoline-quinone synthase
UniProt Gene Name	pqqC
UniProt Comments for pqqC	Ring cyclization and eight-electron oxidation of 3a-(2-amino-2-carboxyethyl)-4,5-dioxo-4,5,6,7,8,9-hexahydroquinoline-7,9-dicarboxylic-acid to PQQ.
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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