Coenzyme PQQ Synthesis Protein B (pqqB) Xanthomonas Oryzae Pv. Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Coenzyme PQQ synthesis protein B (pqqB), Recombinant Protein
Full Product Name	Recombinant Xanthomonas oryzae pv. oryzae Coenzyme PQQ synthesis protein B (pqqB)
Product Gene Name	pqqB recombinant protein
Product Synonym Gene Name	pqqB
Sequence	MRIIVLGSAA GGGHPQWNCH TPASLRAWQQ ADGAQRRTQA SIAVSADGER WVLINASPDF RQQILATPAL WPQQGLRHSP IKAVLLTSGE IDHIAGLLSM RESQPFALHA SRRVLDLLAQ NPIFDAVNPQ YVSRQPFTLN APLTVSGLQL TPFSVPGKVP LFMESRSGGD LAGSQEETLG LTIDDSQHRV HYIPGCAAMT DALRARLHGA ELVFFDGTLW RDDEMVQLGI SQKTGQRMGH MSIDGPEGTI AAFAPLNVAR KIFIHLNTTN PVLNTQSPEF ATARASGWEV AHDGLEIAL
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	32,426 Da
Sequence Positions	1-299, 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 Q2P4Y6
Species	Xanthomonas oryzae pv. oryzae (strain MAFF 311018)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pqqB recombinant protein	MBS1401038 is a recombinant protein targeting pqqB. Also known as Recombinant Xanthomonas oryzae pv. oryzae Coenzyme PQQ synthesis protein B (pqqB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pqqB 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 pqqB. It may not necessarily be applicable to this product.

NCBI GI #	499577714
NCBI Accession #	WP_011258497.1
UniProt Primary Accession #	Q2P4Y6
GenBank Nucleotide #	WP_011258497.1

NCBI Official Full Name	pyrroloquinoline quinone biosynthesis protein B
UniProt Protein Name	Coenzyme PQQ synthesis protein B
UniProt Synonym Protein Names	Pyrroloquinoline quinone biosynthesis protein B
Protein Family	Coenzyme PQQ synthesis protein
UniProt Gene Name	pqqB
UniProt Comments for pqqB	May be involved in the transport of PQQ or its precursor to the periplasm.
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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