Coenzyme PQQ Synthesis Protein A (pqqA) Enterobacter Intermedius Recombinant Protein

PRODUCT OVERVIEW

Product Name	Coenzyme PQQ synthesis protein A (pqqA), Recombinant Protein
Full Product Name	Recombinant Enterobacter intermedius Coenzyme PQQ synthesis protein A (pqqA)
Product Gene Name	pqqA recombinant protein
Product Synonym Gene Name	pqqA
Product Synonym Names	Recombinant Coenzyme PQQ synthesis protein A (pqqA); Coenzyme PQQ synthesis protein A; Pyrroloquinoline quinone biosynthesis protein A
Sequence	MWKKPAFIDL RLGLEVTLYI SNR
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	2,764 Da
Sequence Positions	1-23aa; 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 P59726
Species	Enterobacter intermedius (Kluyvera intermedia)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pqqA recombinant protein	MBS1216034 is a recombinant protein targeting pqqA. Also known as Recombinant Enterobacter intermedius Coenzyme PQQ synthesis protein A (pqqA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pqqA 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 pqqA. It may not necessarily be applicable to this product.

NCBI GI #	32129860
NCBI Accession #	P59726.1
UniProt Primary Accession #	P59726
NCBI Official Full Name	Coenzyme PQQ synthesis protein A
UniProt Protein Name	Coenzyme PQQ synthesis protein A

UniProt Synonym Protein Names	Pyrroloquinoline quinone biosynthesis protein A
Protein Family	Coenzyme PQQ synthesis protein
UniProt Gene Name	pqqA
UniProt Entry Name	PQQA_ENTIT
UniProt Comments for pqqA	Function: Required for coenzyme pyrroloquinoline quinone (PQQ) biosynthesis. PQQ is probably formed by cross-linking a specific glutamate to a specific tyrosine residue and excising these residues from the peptide By similarity. HAMAP-Rule MF_00656 Pathway: Cofactor biosynthesis; pyrroloquinoline quinone biosynthesis. HAMAP-Rule MF_00656 Sequence similarities: Belongs to the PqqA family.
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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