Ubiquinone/Menaquinone Biosynthesis Methyltransferase Ubie (ubiE) Geobacter Sulfurreducens Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquinone/menaquinone biosynthesis methyltransferase ubiE (ubiE), Recombinant Protein
Full Product Name	Recombinant Geobacter sulfurreducens Ubiquinone/menaquinone biosynthesis methyltransferase ubiE (ubiE)
Product Gene Name	ubiE recombinant protein
Product Synonym Gene Name	ubiE
Sequence	MKNLNLYHFF DCKDRKITMY RLTEKGERIR DMFSDIAPRY DFLNRLLSFG VDRRWRRNAV KCIRWSEGGR VLDVATGTGD VALEIARQTP PSVAIVGVDF SEGMVALGRD KVAGSPYAGR ITMEIAPCEA IPFPDDTFDS VTIAFGIRNV VDRSQGLSEM LRVLKPGGRA VILEFSTPRS RLFKRIYSFY FLRVLPVIGG LFSQFGAYKY LPDSVLEFPS QEEFKALMAS VGFRDTAHRD QTFGIATIYT GEKGLK
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	28,924 Da
Sequence Positions	1-256, 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 Q74EU2
Species	Geobacter sulfurreducens (strain 51573 / DSM 12127 / PCA)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ubiE recombinant protein	MBS1413831 is a recombinant protein targeting ubiE. Also known as Recombinant Geobacter sulfurreducens Ubiquinone/menaquinone biosynthesis methyltransferase ubiE (ubiE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ubiE 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 ubiE. It may not necessarily be applicable to this product.

NCBI GI #	39995973
NCBI GeneID	2687032
NCBI Accession #	NP_951924.1
UniProt Primary Accession #	Q74EU2

UniProt Related Accession #	Q74EU2
GenBank Nucleotide #	NC_002939.5
NCBI Official Full Name	menaquinone biosynthesis methyltransferase
NCBI Official Symbol	GSU0867
UniProt Protein Name	Ubiquinone/menaquinone biosynthesis C-methyltransferase UbiE
UniProt Synonym Protein Names	2-methoxy-6-polyprenyl-1,4-benzoquinol methylase
Protein Family	Ubiquinone/menaquinone biosynthesis C-methyltransferase
UniProt Gene Name	ubiE
NCBI Protein Information	menaquinone biosynthesis methyltransferase
UniProt Comments for ubiE	Methyltransferase required for the conversion of demethylmenaquinol (DMKH2) to menaquinol (MKH2) and the conversion of 2-polyprenyl-6-methoxy-1,4-benzoquinol (DDMQH2) to 2-polyprenyl-3-methyl-6-methoxy-1,4-benzoquinol (DMQH2).
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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