Ubiquinone/Menaquinone Biosynthesis Methyltransferase Ubie (ubiE) Yersinia Pseudotuberculosis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquinone/menaquinone biosynthesis methyltransferase ubiE (ubiE), Recombinant Protein
Full Product Name	Recombinant Yersinia pseudotuberculosis Ubiquinone/menaquinone biosynthesis methyltransferase ubiE (ubiE)
Product Gene Name	ubiE recombinant protein
Product Synonym Gene Name	ubiE
Sequence	MVDQEKETTH FGFRTVAKEQ KEGMVAEVFH SVAAKYDLMN DLMSFGVHRI WKRFTVDCSG VRRGQRVLDL AGGTGDLTAK FSRLVGEQGE VILADINESM LRMGREKLRD KGIVGNVSYV QANAEALPFP DNYFDCITIS FGLRNVTEKE KALRSMFRVL KPGGRLLVLE FSKPLLEPLS KAYDAYSFHI LPKIGELVAQ DAESYRYLAE SIRMHPDQET LKGMMADAGF ENVTYSNLTG GIVALHRGFK F
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	28,198 Da
Sequence Positions	1-251, 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 Q66FT0
Species	Yersinia pseudotuberculosis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ubiE recombinant protein	MBS1418415 is a recombinant protein targeting ubiE. Also known as Recombinant Yersinia pseudotuberculosis 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 #	488152816
NCBI Accession #	WP_002224024.1
UniProt Primary Accession #	Q66FT0
GenBank Nucleotide #	WP_002224024.1

NCBI Official Full Name	MULTISPECIES: ubiquinone/menaquinone biosynthesis C-methyltransferase UbiE
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
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).
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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