Demethylmenaquinone Methyltransferase (ubiE) Lactobacillus Plantarum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Demethylmenaquinone methyltransferase (ubiE), Recombinant Protein
Full Product Name	Recombinant Lactobacillus plantarum Demethylmenaquinone methyltransferase (ubiE)
Product Gene Name	ubiE recombinant protein
Product Synonym Gene Name	ubiE
Sequence	MANRYLHNVQ GLFDTIAPNY DRMNNIISLG THRHWRKQTM AQIHLASNAH VLDLCCGTGD WTIALAKELQ APGEVIGLDF SAPMLKLAQQ KVTQQQVADR VWLRRGNAMH LPFKDNTFDL VTIGFGLRNL PDKAQALTEI YRVLKPGARL VCLETSQPDQ PLIKPVWQWY FTKVVPLFGR LFAHQYQEYS YLQETTRHFA SYQQLATMFQ QAGFQNVHFQ RFNFGAAAAH FGTKEAK
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	27,150 Da
Sequence Positions	1-237, 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 Q88SI6
Species	Lactobacillus plantarum (strain BAA-793 / NCIMB 8826 / WCFS1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ubiE recombinant protein	MBS1373187 is a recombinant protein targeting ubiE. Also known as Recombinant Lactobacillus plantarum Demethylmenaquinone methyltransferase (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 #	499414695
NCBI GeneID	1063688
NCBI Accession #	WP_011102162.1
UniProt Primary Accession #	Q88SI6

UniProt Secondary Accession #	F9UUA9
UniProt Related Accession #	Q88SI6
GenBank Nucleotide #	WP_011102162.1
NCBI Official Full Name	demethylmenaquinone methyltransferase
NCBI Official Symbol	ubiE
UniProt Protein Name	Demethylmenaquinone methyltransferase
Protein Family	Ubiquinone/menaquinone biosynthesis C-methyltransferase
UniProt Gene Name	menG
NCBI Protein Information	menaquinone/ubiquinone biosynthesis methyltransferase
UniProt Comments for ubiE	Methyltransferase required for the conversion of demethylmenaquinol (DMKH2) to menaquinol (MKH2).
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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