Demethylmenaquinone Methyltransferase (ubiE) Streptomyces Coelicolor Recombinant Protein

PRODUCT OVERVIEW

Product Name	Demethylmenaquinone methyltransferase (ubiE), Recombinant Protein
Full Product Name	Recombinant Streptomyces coelicolor Demethylmenaquinone methyltransferase (ubiE)
Product Gene Name	ubiE recombinant protein
Product Synonym Gene Name	ubiE
Sequence	MTRASLNKQP HEVASMFDHV AERYDLTNAV LSLGQDRAWR KAVARAVDAR PAQKVLDLAA GTATSSLPFA RTGAYVVPCD FSQGMLQVGK ERHSWLPFTA GDATRLPFKD DVFDAVTISF GLRNVQDTDA ALREMYRVTR PGGRVVICEF SHPTWAPFRT VYTEYLMRAL PPVARAVSSN PDAYVYLAES IRAWPDQPAL AGRLGRAGWS RVAWRNLTGG VVTLHRGFKA S
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	25,537 Da
Sequence Positions	1-231, 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 Q9XAP8
Species	Streptomyces coelicolor (strain BAA-471 / A3(2) / M145)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ubiE recombinant protein	MBS1279671 is a recombinant protein targeting ubiE. Also known as Recombinant Streptomyces coelicolor 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 #	21222939
NCBI GeneID	1099996
NCBI Accession #	NP_628718.1
UniProt Primary Accession #	Q9XAP8

UniProt Related Accession #	Q9XAP8
GenBank Nucleotide #	NC_003888.3
NCBI Official Full Name	ubiquinone/menaquinone biosynthesis methyltransferase
NCBI Official Symbol	ubiE
NCBI Official Synonym Symbols	SCD16A.27c
UniProt Protein Name	Demethylmenaquinone methyltransferase
Protein Family	Ubiquinone/menaquinone biosynthesis C-methyltransferase
UniProt Gene Name	menG
NCBI Protein Information	ubiquinone/menaquinone 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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