1,4-Dihydroxy-2-Naphthoyl-Coa Synthase (menB) Staphylococcus Epidermidis Recombinant Protein

PRODUCT OVERVIEW

Product Name	1,4-Dihydroxy-2-naphthoyl-CoA synthase (menB), Recombinant Protein
Full Product Name	Recombinant Staphylococcus epidermidis 1,4-Dihydroxy-2-naphthoyl-CoA synthase (menB)
Product Gene Name	menB recombinant protein
Product Synonym Gene Name	menB
Sequence	MTRQWETLRE YDEIKYEFFE GIAKVTINRP EVRNAFTPKT VAEMIDAFSR ARDDQNVSVI VLTGEGDKAF CSGGDQKKRG HGGYVGEDDI PRLNVLDLQR LIRVIPKPVI AMVRGYAIGG GNVLNVVCDL TIAADNAIFG QTGPKVGSFD AGYGSGYLAR IVGHKKAREI WYLCRQYNAQ EALDMGLVNT VVPLEQVEDE TVKWCKDIMQ HSPTALRFLK AAMNADTDGL AGLQQMAGDA TLLYYTTDEA KEGRDAFKEK RNPDFDQFPK FP
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	30,310 Da
Sequence Positions	1-272, 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 Q5HQC3
Species	Staphylococcus epidermidis (strain 35984 / RP62A)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for menB recombinant protein	MBS1470594 is a recombinant protein targeting menB. Also known as Recombinant Staphylococcus epidermidis 1,4-Dihydroxy-2-naphthoyl-CoA synthase (menB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of menB 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 menB. It may not necessarily be applicable to this product.

NCBI GI #	487749765
NCBI Accession #	WP_001831706.1
UniProt Primary Accession #	Q5HQC3
GenBank Nucleotide #	WP_001831706.1

NCBI Official Full Name	MULTISPECIES: 1,4-dihydroxy-2-naphthoyl-CoA synthase
UniProt Protein Name	1,4-dihydroxy-2-naphthoyl-CoA synthase
Protein Family	1,4-dihydroxy-2-naphthoyl-CoA synthase
UniProt Gene Name	menB
UniProt Synonym Gene Names	DHNA-CoA synthase
UniProt Comments for menB	Converts o-succinylbenzoyl-CoA (OSB-CoA) to 1,4-dihydroxy-2-naphthoyl-CoA (DHNA-CoA).
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