Enoyl-[Acyl-Carrier-Protein] Reductase [NADH] Fabi (fabI) Neisseria Meningitidis Serogroup B Recombinant Protein

PRODUCT OVERVIEW

Product Name	Enoyl-[acyl-carrier-protein] reductase [NADH] FabI (fabI), Recombinant Protein
Full Product Name	Recombinant Neisseria meningitidis serogroup B Enoyl-[acyl-carrier-protein] reductase [NADH] FabI (fabI)
Product Gene Name	fabI recombinant protein
Product Synonym Gene Name	fabI
Sequence	MGFLQGKKIL ITGMISERSI AYGIAKACRE QGAELAFTYV VDKLEERVRK MAAELDSELV FRCDVASDDE INQVFADLGK HWDGLDGLVH SIGFAPKEAL SGDFLDSISR EAFNTAHEIS AYSLPALAKA ARPMMRGRNS AIVALSYLGA VRAIPNYNVM GMAKASLEAG IRFTAACLGK EGIRCNGISA GPIKTLAASG IADFGKLLGH VAAHNPLRRN VTIEEVGNTA AFLLSDLSSG ITGEITYVDG GYSINALSTE G
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	27,691 Da
Sequence Positions	1-261, 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 Q9K151
Species	Neisseria meningitidis serogroup B (strain MC58)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fabI recombinant protein	MBS1477191 is a recombinant protein targeting fabI. Also known as Recombinant Neisseria meningitidis serogroup B Enoyl-[acyl-carrier-protein] reductase [NADH] FabI (fabI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fabI 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 fabI. It may not necessarily be applicable to this product.

NCBI GI #	15676251
NCBI GeneID	902451
NCBI Accession #	NP_273385.1
UniProt Primary Accession #	Q9K151

UniProt Related Accession #	Q9K151
GenBank Nucleotide #	NC_003112.2
NCBI Official Full Name	enoyl-(acyl carrier protein) reductase
NCBI Official Symbol	fabI
UniProt Protein Name	Enoyl-[acyl-carrier-protein] reductase [NADH] FabI
UniProt Synonym Protein Names	NADH-dependent enoyl-ACP reductase
Protein Family	Enoyl-[acyl-carrier protein] reductase
UniProt Gene Name	fabI
UniProt Synonym Gene Names	ENR
NCBI Protein Information	enoyl-(acyl carrier protein) reductase
UniProt Comments for fabI	Catalyzes the reduction of a carbon-carbon double bond in an enoyl moiety that is covalently linked to an acyl carrier protein (ACP). Involved in the elongation cycle of fatty acid which are used in the lipid metabolism ().
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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