

Enoyl-[acyl-carrier-protein] reductase [NADPH] FabI (fabI) Recombinant Protein | fabI recombinant protein

Recombinant Staphylococcus aureus Enoyl-[acyl-carrier-protein] reductase [NADPH] FabI (fabI)

CATALOG # AAA116721	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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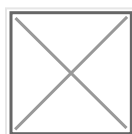
PRODUCT SYNONYMS

Enoyl-[acyl-carrier-protein] reductase [NADPH] FabI (fabI); Recombinant Staphylococcus aureus Enoyl-[acyl-carrier-protein] reductase [NADPH] FabI (fabI); NADPH-dependent enoyl-ACP reductase; fabI recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-256. Full Length
Sequence	MLNLENKTYV IMGIANKRSI AFGVAKVLDQ LGAKLVFTYR KERSRKELEK LLEQLNQPEA HLYQIDVQSD EEVINGFEQI GKDVGNIDGV YHSIAFANME DLRGRFSETS REGFLLAQDI SSYSLTIVAH EAKKLMPEGG SIVATTYLGGEFAVQNYNVM GVAKASLEAN VKYLALDLGP DNIRVNAISA GPIRTLSAKG VGGFNTILKE IEERAPLKRNV DQVEVGKTA AYLLSDLSSG VTGENIHVDS GFHAIK
Species	Staphylococcus aureus (strain MRSA252)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for fabI recombinant protein	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 (By similarity).
References	"Structural insights into Staphylococcus aureus enoyl-ACP reductase (FabI), in complex with NADP and triclosan." Priyadarshi A., Kim E.E., Hwang K.Y. Proteins 78:480-486(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	446855939
NCBI Accession #	WP_000933195.1
NCBI GenBank Nucleotide #	WP_000933195.1
UniProt Accession #	Q6GI75

Molecular Weight	44 kDa
NCBI Official Full Name	MULTISPECIES: enoyl-ACP reductase
UniProt Protein Name	Enoyl-[acyl-carrier-protein] reductase [NADPH] FabI
UniProt Gene Name	fabI
UniProt Synonym Gene Names	ENR
UniProt Entry Name	FABI_STAAR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fabi-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116721>