



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

<b>Product Code</b>	CSB-EP750140SKV
<b>Relevance</b>	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).
<b>Abbreviation</b>	Recombinant Staphylococcus aureus fabI protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q6GI75
<b>Alias</b>	NADPH-dependent enoyl-ACP reductase
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Staphylococcus aureus (strain MRSA252)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MLNLENKTYVIMGIANKRSAIFGVAKVLDQLGAKLVFTYRKERSRKELEKLEQ LNQPEAHLYQIDVQSDEEVINGFEQIGKDVGNIDGVYHSIAFANMEDLRGRFSE TSREGFLLAQDISSYSLTIVAHEAKKLMPEGGSIVATTYLGGEFAVQNYNVMGV AKASLEANVKYLALDLGPDNIRVNAISAGPIRTLSAKGVGGFNTILKEIEERAPLK RNVDQVEVGKTAAYLLSDLSSGVTGENIHVDSGFHAIK
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	fabI
<b>Expression Region</b>	1-256aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	44.0kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	

