

# Recombinant Staphylococcus Aureus FABI Protein (1-256 aa), His-SUMO-tagged

**Cat. No.** FABI-1758S    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Staphylococcus Aureus (strain MRSA252) FABI Protein (1-256 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
<b>Species</b>	Staphylococcus Aureus
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-256 aa
<b>Description</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>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	44.0 kDa
<b>AA Sequence</b>	MLNLENKTYVIMGIANKRSIAFGVAKVLDQLGAKLVFTYRKERSRKELEKLEQLNQPEAHL YQIDVQSDEEVINGFEQIGKDVGNIDGVYHSIAFANMEDLRGRFSETSREGFLLAQDISSYSLTIVAHEAKKLMPEGG SIVATTYLGGEFAVQNYNVMGVAKASLEANVKYLALDLGPDNIRVNAISAGPIRTLSAKGVGGFNTILKEIEERAPLKRNV DQVEVGKTAAYLLSDLSSGVTGENIHVDSGFHAIK

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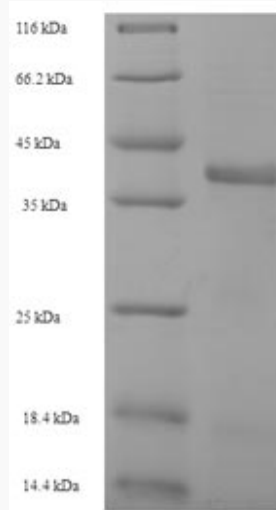
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<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

<b>Synonyms</b>	fabI; NADPH-dependent enoyl-ACP reductase;
<b>UniProt ID</b>	<a href="#">Q6GI75</a>



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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