

Recombinant Staphylococcus Aureus FAB I Protein (1-256 aa), His-SUMO-tagged

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

SPECIFICATION

Product Overview	Recombinant Staphylococcus Aureus (strain MRSA252) FAB I 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.
Species	Staphylococcus Aureus
Source	E.coli
ProteinLength	1-256 aa
Description	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).
Form	Tris-based buffer,50% glycerol
Molecular Mass	44.0 kDa
AA Sequence	MLNLENKTYVIMGIANKRSIAFGVAKVLDQLGAKLVFTYRKERSRKELEKLLEQLNQPEAHL YQIDVQSDEEVINGFEQIGKDVGNIDGVYHSIAFANMEDLRGRFSET SREGFLLAQDISSYSLTIVAHEAKKLMPEGGSIVATTYLGGEFAVQNYNVMGVAKASLEANVKYLALDLGPDNIRVNAISAGPIRTLSAKGVGGFNTILKEIEERAPLKRNV DQVEVGKTAAYLLSDLSSGVTGENIHVDSGFHAIK

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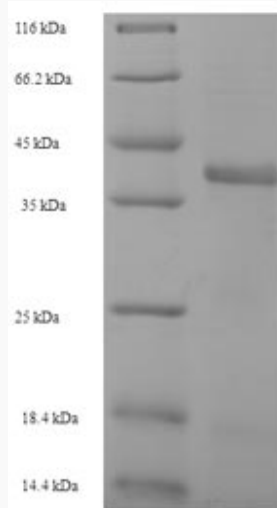
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Synonyms	fabI; NADPH-dependent enoyl-ACP reductase;
UniProt ID	Q6GI75



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

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