Recombinant Staphylococcus Aureus CLFB Protein (45-542 aa), His-SUMO-tagged

Cat. No. CLFB-1778S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Staphylococcus Aureus (strain MRSA252) CLFB Protein (45-542 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Staphylococcus Aureus
Source	E.coli
ProteinLength	45-542 aa
Description	Cell surface-associated protein implicated in virulence by promoting bacterial attachment to both alpha- and beta-chains of human fibrinogen and inducing the formation of bacterial clumps.
Form	Tris-based buffer,50% glycerol
Molecular Mass	69.8 kDa
AA Sequence	SEQSNDTTQSSKNNASADSEKNNTIETPQLNTTANDTSDISANTNSANVDSTAKTMS TQTSNTTTTEPASTNETPQPTAIKDQATAAKMQDQTVPQEANSQVDNKTTNDANNI ATNSELKNPQTLDLPQSSPQTISNAQGTSKPSVRTRAVRSLAVAEPVVNAADAKGT NVNDKVTASDFKLEKTAFDPNQSGNTFMAANFKVTGQVKSGDYFTAKLPDSVTGN GDVDYSNSNNTMPIADIKSTNGDVVAKATYDILTKTYTFVFTDYVNDKENINGQFSLP LFTDRAKAPKSGTYDANINIADEMFDNKITYNYSSPIAGIDKPNGANISSQIIGVDTASG

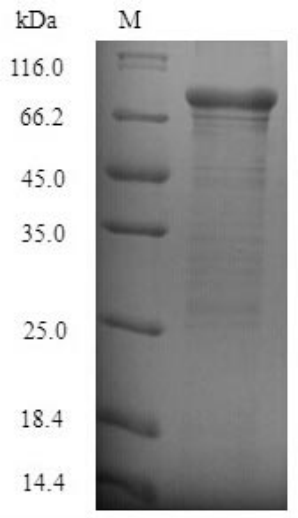
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	QNTYKQTVFVNPKQRVLGNTWVYIKGYQDKIEESSGKVSATDTKLRIFEVNDTSKLS DSYYADPNDSNLKEVTGEFKDKISYKYDNVASINFGDINKTYVVLVEGHYDNTGKNL KTQVIQENIDPATGKDYSIFGWNNENVVRYGGGSADGDSAVN
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	clfB; Fibrinogen receptor B Fibrinogen-binding protein B;
UniProt ID	Q6GDH2

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

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