Recombinant Staphylococcus Aureus ICAB Protein (29-290 aa), His-Myc-tagged

Cat. No. ICAB-2469S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Staphylococcus Aureus (strain N315) ICAB Protein (29-290 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length of Mature Protein.
Species	Staphylococcus Aureus
Source	E.coli
ProteinLength	29-290 aa
Description	Catalyzes the N-deacetylation of poly-beta-1,6-N-acetyl-D-glucosamine (PNAG, also r eferred to as PIA), a biofilm adhesin polysaccharide. N-deacetylation is crucial for atta chment of the polysaccharide to the bacterial cell surface; it leads to the introduction o f positive charges in the otherwise neutral PIA polymer, allowing electrostatic interacti ons.
Form	Tris-based buffer,50% glycerol
Molecular Mass	35.9 kDa
AA Sequence	NADDDSPKKLKYKENSALALNYHRVRKANFLNNFIYFFSSSKEIKNYSVSQSQFESQI KWLKSHDAKFLTLKEFLYYKKKGKFPKRSVWINFDDMDETIYENAYPILKKYKIPATG FIITGHVGEENFHNLDMISKKELKEMYKTGLWEFETHTHDLHNLSKNNKSKLMKASE

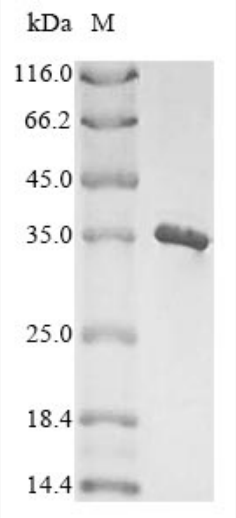
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	ATIIKDLNKSEKYLTKNFKKSQKTIAYPYGLMNDDKLPVIKKAGLKYGFSLEEKAVTPN SNDYYIPRILISDDAFEHLIKRWDGFHEKD
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	icaB;
UniProt ID	Q7A349

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

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