# Recombinant Staphylococcus Aureus ENTC3 Protein (28-266 aa), His-SUMO-tagged

**Cat. No.** ENTC3-943S **Lot. No.** (See product label)

## SPECIFICATION

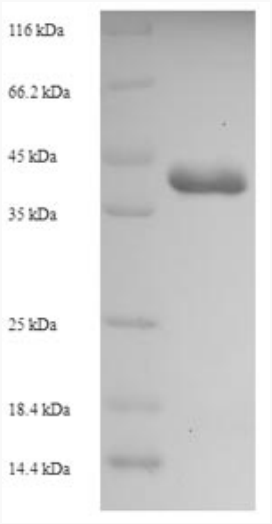
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| **Product Overview** | Recombinant Staphylococcus Aureus ENTC3 Protein (28-266 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein. |
| **Species** | Staphylococcus Aureus |
| **Source** | E.coli |
| **ProteinLength** | 28-266 aa |
| **Description** | Staphylococcal enterotoxins cause the intoxication staphylococcal food poisoning syndrome. The illness is characterized by high fever, hypotension, diarrhea, shock, and in some cases death. |
| **Form** | Tris-based buffer, 50% glycerol |
| **Molecular Mass** | 43.6 kDa |
| **AA Sequence** | ESQPDPMPDDLHKSSEFTGTMGNMKYLYDDHYVSATKVKSVDKFLAHDLIYNISDK KLKNYDKVKTELLNEDLAKKYKDEVVDVYGSNYYVNCYFSSKDNVGKVTGGKTCMY GGITKHEGNHFDNGNLQNVLVRVYENKRNTISFEVQTDKKSVTAQELDIKARNFLINK KNLYEFNSSPYETGYIKFIENNGNTFWYDMMPAPGDKFDQSKYLMMYNDNKTVDSK SVKIEVHLTTKNG |

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| **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 concentration instruction is sent along with the products. |

## GENE INFORMATION

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| **UniProt ID** | P0A0L5 |




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

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