

# Recombinant Staphylococcus aureus (strain NCTC 8325) lytM protein, His-tagged

**Cat. No.** lytM-4369S    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Staphylococcus aureus (strain NCTC 8325) lytM protein(O33599)(26-316aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                            |
| <b>Species</b>          | Staphylococcus aureus                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 26-316aa                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                     |
| <b>Molecular Mass</b>   | 35.9 kDa                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | AETTNTQQAHTQMSTQSQDVSYGTYTIDSNGDYHHTPDGNWNQAMFDNKEYSY<br>TFVDAQGHTHYFYNCYPKNANANGSGQTYVNPATAGDNNDYTASQSQQHINQYGY<br>QSNVGPDASYYSHSNNNQAYNSHDGNGKVNYPNGTSNQNGGSASKATASGHAKD<br>ASWLTSRKQLQPYGQYHGGGAHYGVDYAMPENSPVYSLTDGTVVQAGWSNYGG<br>GNQVTIKEANSNNYQWYMHNNRLTVSAGDKVKAGDQIAYSGSTGNSTAPHVHFQR<br>MSGGIGNQYAVDPTSYLQSR |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**Storage**

Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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