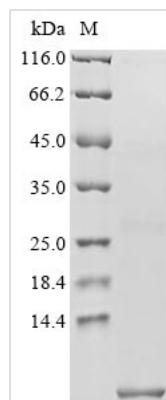




# Recombinant Staphylococcus aureus Phenol-soluble modulin alpha 1 peptide (psmA1)

|                          |                                                                                                                                                                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-EP314123FLF                                                                                                                                                                                                                                                                 |
| <b>Abbreviation</b>      | Recombinant Staphylococcus aureus psmA1 protein                                                                                                                                                                                                                                 |
| <b>Storage</b>           | 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| <b>Uniprot No.</b>       | P0C7Y1                                                                                                                                                                                                                                                                          |
| <b>Form</b>              | Liquid or Lyophilized powder                                                                                                                                                                                                                                                    |
| <b>Storage Buffer</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.                                                      |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                             |
| <b>Immunogen Species</b> | Staphylococcus aureus (strain NCTC 8325 / PS 47)                                                                                                                                                                                                                                |
| <b>Purity</b>            | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                     |
| <b>Sequence</b>          | MGIAGIIKVIKSLIEQFTGK                                                                                                                                                                                                                                                            |
| <b>Research Area</b>     | Cell Biology                                                                                                                                                                                                                                                                    |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                          |
| <b>Target Names</b>      | psmA1                                                                                                                                                                                                                                                                           |
| <b>Expression Region</b> | 1-21aa                                                                                                                                                                                                                                                                          |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                             |
| <b>Tag Info</b>          | Tag-Free                                                                                                                                                                                                                                                                        |
| <b>Mol. Weight</b>       | 2.3 kDa                                                                                                                                                                                                                                                                         |
| <b>Protein Length</b>    | Full Length                                                                                                                                                                                                                                                                     |

## Image



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



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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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