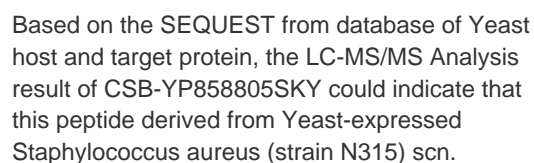
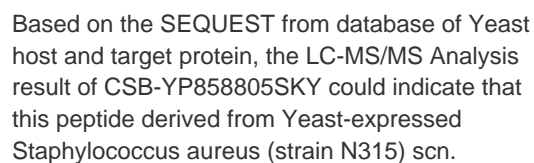
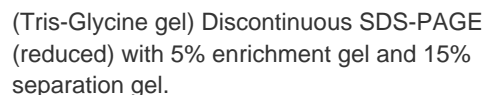




Recombinant Staphylococcus aureus

Staphylococcal complement inhibitor (scn)

| | |
|--------------------------|---|
| Product Code | CSB-YP858805SKY |
| Relevance | Involved in countering the first line of host defense mechanisms. Efficiently inhibits opsonization, phagocytosis and killing of S.aureus by human neutrophils. Acts by binding and stabilizing human C3 convertases (C4b2a and C3bBb), leading to their inactivation. The convertases are no longer able to cleave complement C3, therefore preventing further C3b deposition on the bacterial surface and phagocytosis of the bacterium. Also prevents C5a-induced neutrophil responses |
| Abbreviation | Recombinant Staphylococcus aureus scn protein |
| 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | Q99SU9 |
| Product Type | Recombinant Protein |
| Immunogen Species | Staphylococcus aureus (strain N315) |
| Purity | Greater than 85% as determined by SDS-PAGE. |
| Sequence | STSLPTSNEYQNEKLANELKSLLDDELNVNELATGSLNTYYKRTIKISGLKAMYAL KSKDFKKMSEAKYQLQKIYNEIDEALSKY |
| Research Area | others |
| Source | Yeast |
| Target Names | scn |
| Protein Names | Recommended name: Staphylococcal complement inhibitor Short name= SCIN |
| Expression Region | 32-116aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 10xHis-tagged |
| Mol. Weight | 12.3 kDa |
| Protein Length | Full Length of Mature Protein |
| Image | |



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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