

Recombinant strain COL ssaA1 Protein Product Manual

1. Product Basic Information

Product No.: REP08345

Protein Name: Staphylococcal Secretory Antigen Ssaa1 (ssaA1)

Aliases: ssaA1; SACOL2581; Staphylococcal secretory antigen ssaA1

UniProt ID: Q5HCY4

UniProt Link: <https://www.uniprot.org/uniprotkb/Q5HCY4/entry>

Species Source: Staphylococcus aureus (strain COL)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (27-255aa)

Molecular Weight: 27.0kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (27-255aa)

AEQNNNGYNSNDAQSYSYTYTIDAQGNHYHTWTGNWNPSQLTQNNTYYYYNNYNT
YSYNNASYNNYYNHSYQYNNYTNNSTATNNYYTGGSGASYSTTSNNVHVTTTAA
PSSNGRSISNGYASGSNLYTSGQCTYYVFDRVGGKIGSTWGNASWANAAAASSG
YTVNNTPKVGAIMQTTQGYGHVAYVEGVNSNGSVRVSEMNYGHGAGVVTSTRTIS
ANQAGSYNFIH

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause



5. Product Description

This product is a recombinant strain COL ssaA1 full length of mature protein protein (27-255aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. ssaA1, also known as ssaA1 or SACOL2581 or Staphylococcal secretory antigen ssaA1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.