# Segregation and Condensation Protein A (scpA) Staphylococcus Epidermidis Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Segregation and condensation protein A (scpA), Recombinant Protein |
| **Full Product Name** | Recombinant Staphylococcus epidermidis Segregation and condensation protein A (scpA) |
| **Product Gene Name** | scpA recombinant protein |
| **Product Synonym Gene Name** | scpA |
| **Sequence** | MYEVKLDAFN GPLDLLLHLI QKYEIDIYDI PMKALTEQYM QYVHAMNQLE INVASEYLVM ASELLMIKSK LLLPQTSIEE DIEEDPREDL VGRLIEYQNY KEYTEILNTM KEERDLYFTK HPTDLTHLET NESWDPNQTI DLTELIVAYQ RVKNRVELNT PKSVEIKKET FTIQQATAQV TERLKQHESF NFFSLFTFHE PVEQVVTHFL AILEMSKSGI VNIKQTKQFD DIDIIRGVNY SIG |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 28,575 Da |
| **Sequence Positions** | 1-243, Full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for Q8CSH0 |
| **Species** | Staphylococcus epidermidis (strain 12228) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for scpA recombinant protein** | MBS1332535 is a recombinant protein targeting scpA. Also known as Recombinant Staphylococcus epidermidis Segregation and condensation protein A (scpA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of scpA recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for scpA. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 27468097 |
| **NCBI GeneID** | 1055841 |
| **NCBI Accession #** | NP_764734.1 |
| **UniProt Primary Accession #** | Q8CSH0 |

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| **GenBank Nucleotide #** | NC_004461.1 |
| **NCBI Official Full Name** | hypothetical protein SE1179 |
| **NCBI Official Symbol** | SE1179 |
| **UniProt Protein Name** | Segregation and condensation protein A |
| **Protein Family** | C5a peptidase |
| **UniProt Gene Name** | scpA |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for scpA** | Participates in chromosomal partition during cell division. May act via the formation of a condensin-like complex containing Smc and ScpB that pull DNA away from mid-cell into both cell halves. |
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