# Vacuolar Protein Sorting-Associated Protein 27 (sst4) Schizosaccharomyces Pombe Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Vacuolar protein sorting-associated protein 27 (sst4), Recombinant Protein |
| **Full Product Name** | Recombinant Schizosaccharomyces pombe Vacuolar protein sorting-associated protein 27 (sst4), partial |
| **Product Gene Name** | sst4 recombinant protein |
| **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** | 68,243 Da |
| **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 O13821 |
| **Species** | Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for sst4 recombinant protein** | MBS1218316 is a recombinant protein targeting sst4. Also known as Recombinant Schizosaccharomyces pombe Vacuolar protein sorting-associated protein 27 (sst4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of sst4 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 sst4. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 19114699 |
| **NCBI GeneID** | 2542403 |
| **NCBI Accession #** | NP_593787.1 |
| **UniProt Primary Accession #** | O13821 |
| **GenBank Nucleotide #** | NM_001019216.2 |
| **NCBI Official Full Name** | ESCRT 0 complex subunit sst4 |
| **NCBI Official Symbol** | sst4 |
| **UniProt Protein Name** | Vacuolar protein sorting-associated protein 27 |
| **UniProt Synonym Protein Names** | Suppressor of ste12 deletion protein 4 |

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|---|---|
| **UniProt Gene Name** | sst4 |
| **UniProt Synonym Gene Names** | vps27 |
| **NCBI Protein Information** | ESCRT 0 complex subunit sst4 |
| **UniProt Comments for sst4** | Component of the ESCRT-0 complex which is the sorting receptor for ubiquitinated cargo proteins at the multivesicular body (MVB) and recruits ESCRT-I to the MVB outer membrane. |
| **Research Articles on sst4** | **1.** Sst4p is a downstream factor of PtdIns 3-kinase and functions in forespore membrane formation |
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