# Somatostatin (Sst) Recombinant Protein | Sst recombinant protein

Recombinant Mouse Somatostatin (Sst), partial

| CATALOG # | HOST |
|---|---|
| **AAA113612** | **E Coli or Yeast or Baculovirus or Mammalian Cell** |

## PRODUCT SYNONYMS

Somatostatin (Sst); Recombinant Mouse Somatostatin (Sst); partial; Sst recombinant protein

## PRODUCT SPECIFICATIONS

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| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Sequence Positions** | 89-116aa; Partial |
| **Sequence** | SANSNPAMAP RERKAGCKNF FWKTFTSC |
| **Sequence Length** | 116 |
| **Species** | Mouse |
| **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. |

## ADDITIONAL INFORMATION

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| **Related Product Information for Sst recombinant protein** | The hormone somatostatin has active 14 aa and 28 aa forms that are produced by alternate cleavage of the single preproprotein encoded by this gene. Somatostatin is expressed throughout the body and inhibits the release of numerous secondary hormones by binding to high-affinity G-protein-coupled somatostatin receptors. This hormone is an important regulator of the endocrine system through its interactions with pituitary growth hormone, thyroid stimulating hormone, and most hormones of the gastrointestinal tract. Somatostatin also affects rates of neurotransmission in the central nervous system and proliferation of both normal and tumorigenic cells. |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 6678035 |
| **NCBI GeneID** | 20604 |
| **NCBI Accession #** | NP_033241.1 |
| **NCBI GenBank Nucleotide #** | NM_009215.1 |
| **UniProt Accession #** | P60041; P01167 |
| **Molecular Weight** | 12,746 Da |
| **NCBI Official Full Name** | somatostatin |
| **NCBI Official Synonym Full Names** | somatostatin |
| **NCBI Official Symbol** | Sst |
| **NCBI Official Synonym Symbols** | SS; SOM; SRIF; Smst |

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| **NCBI Protein Information** | somatostatin |
| **UniProt Protein Name** | Somatostatin |
| **UniProt Gene Name** | **Sst** |
| **UniProt Synonym Gene Names** | Smst |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/sst-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113612