

Somatostatin (SST) Recombinant Protein | SST recombinant protein

Recombinant Somatostatin (SST)

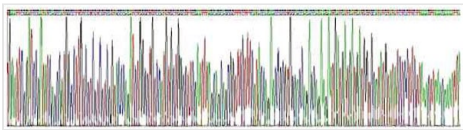
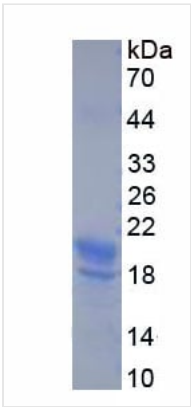
CATALOG # AAA134591	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Somatostatin (SST); Recombinant Somatostatin (SST); SST recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for SST recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Cys116
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.6
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

MLSCRLQCAL AALSIVLALG CVTGAPSDPR LRQFLQKSLA AAAGKQELAK
YFLAELLSEP NTENDALEP EDLSQAAEQD EMRLELQRS NSNPAMAPRE
RKAGCKNFFW KFTTSC

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507243
NCBI GeneID	6750
NCBI Accession #	NP_001039.1
NCBI GenBank Nucleotide #	NM_001048.3
UniProt Accession #	P61278; P01166; B2R5G3
Molecular Weight	Predicted Molecular Mass: 19.4kDa Accurate Molecular Mass: 18/20kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	somatostatin preproprotein
NCBI Official Synonym Full Names	somatostatin
NCBI Official Symbol	SST
NCBI Official Synonym Symbols	SMST
NCBI Protein Information	somatostatin; somatostatin-14; somatostatin-28; prepro-somatostatin; growth hormone release-inhibiting factor
UniProt Protein Name	Somatostatin
UniProt Gene Name	SST
UniProt Entry Name	SMS_HUMAN

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.