Human Somatostatin (SST)

Synonyms: Growth hormone release-inhibiting factor, SST, SMS, SMST, GHIH.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
1 mg	4114.957.199		
10 mg	4114.957.109		
100 mg	4114.957.166		
500 mg	4114.957.566		

Please enquire for bulk quantities and other vial sizes.

Description

Somatostatin Synthetic is a single, non-glycosylated polypeptide chain containing 14 amino acids, having a molecular mass of 1637.9 Dalton and a Molecular formula of C76H104N18O19S2. The CAS# is 38916-34-6.

- **Source** synthetic
- **Purity** ≥ 98 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The protein was lyophilized with no additives*
- **Physical State** Sterile filtered, lyophilized

Reconstitution

It is recommended to reconstitute the lyophilized Somatostatin in sterile 18MO-cm H_2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized SST although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Somatostatin should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). Please avoid repeated freeze-thaw cycles.

Amino Acid Sequence

Ala-Gly-Cy s-Lys-Asn- Phe-Phe-Tr p-Lys-Thr- Phe-Thr-Se r-Cys-OH

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING
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