

RPPB1373

Product Information Protein Information

Product SKU:

RPPB1373

Accession:

P61278

Protein 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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

The protein was lyophilized with no additives.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Somatostatin in sterile 18MΩ-cm H₂O 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 or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

Ala-Gly-Cys-Lys-Asn-Phe- Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys-OH.