

## Octreotide Human

**Item Number** rAP-2563

**Synonyms**

**Description** Octreotide Human Synthetic is a single, non-glycosylated, polypeptide chain containing 8 amino acids, having a molecular mass of 1019.26 Dalton and a molecular formula of C<sub>49</sub>H<sub>66</sub>N<sub>10</sub>O<sub>10</sub>S<sub>2</sub>. Octreotide is purified by proprietary chromatographic techniques.

**Uniprot Accession Number**

**Amino Acid Sequence** H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-L-threoninol.

**Source**

**Physical Appearance and Stability** Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Octreotide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Octreotide 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.

**Formulation and Purity** The Octreotide was lyophilized from a concentrated (1mg/ml) solution with no additives. Greater than 98.0% as determined by RP-HPLC.

**Application**

**Solubility** It is recommended to reconstitute the lyophilized Octreotide in sterile 18MΩ-cm H<sub>2</sub>O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

**Biological Activity**

**Shipping Format and Condition** Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**