

RPPB1347

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## Product Information    Protein Information

**Product SKU:**

RPPB1347

**Protein 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.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Formulation:**

The Octreotide was lyophilized from a concentrated (1mg/ml) solution with no additives.

**Purity:**

Greater than 98.0% as determined by RP-HPLC.

**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.

**Stability:**

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.

**Amino Acid Sequence:**

H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-L-threoninol.