

RPPB1305

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## Product Information    Protein Information

**Product SKU:**

RPPB1305

**Accession:**

P26349

**Protein description:**

Exenatide is a single, non-glycosylated, peptide containing 39 amino acids and having a molecular mass of 4186.6 Dalton. Exenatide has the empirical formula C<sub>184</sub>H<sub>282</sub>N<sub>50</sub>O<sub>60</sub>S.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Exendin-4.

**Formulation:**

The Exenatide peptide was lyophilized from a concentrated solution with no additives.

**Purity:**

Greater than 99.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Exenatide 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 Exenatide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Exenatide 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-His-Gly-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH<sub>2</sub>.