

# Human GLP 1 Recombinant Protein



RPPB1321

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## Product Information    Protein Information

**Product SKU:**

RPPB1321

**Accession:**

P01275

**Protein description:**

Glucagon Like Peptide-1 is a single, glycosylated, polypeptide chain containing 30 amino acids and having a molecular mass of 3297.7 Dalton. The GLP-1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

GLP1, Glucagon Like Peptide-1, Incretin hormone.

**Formulation:**

The GLP-1 peptide was lyophilized with no additives.

**Purity:**

Greater than 96.0% as determined by RP-HPLC.

**Solubility:**

It is recommended to reconstitute the lyophilized Glucagon Like Peptide-1 in sterile 20mM AcOH at 1mg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Glucagon Like Peptide-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GLP-1 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-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-NH<sub>2</sub>.