

Human GLP-1 (31 a.a.) Recombinant Protein



RPPB1276

Product Information Protein Information

Product SKU:

RPPB1276

Accession:

P01275

Host:

Escherichia Coli.

Protein description:

Glucagon Like Peptide-1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 31 amino acids and having a molecular mass of 3298.7 Dalton. The GLP-1 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

GLP1, GLP2, GRPP.

Formulation:

The Recombinant GLP-1 concentrated solution (1mg/ml) was lyophilized after extensive dialyses against 0.1mg sodium phosphate monobasic & 1.6mg sodium phosphate dibasic.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Glucagon Like Peptide-1 in sterile 18MΩ-cm H₂O not less than 100µg/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:

HAEGFTSDV SSYLEGQAAK EFAIWLVKGR G.