

Human Glucagon Like Peptide-1 (37 a.a.)

Item Number	rAP-2528
Synonyms	GLP1, GLP2, GRPP.
Description	The Human GLP1 synthetically produced has a molecular mass of 4169.5 Dalton containing 37 amino acid residues.
Uniprot Accession Number	P01275
Amino Acid Sequence	His-Asp-Glu-Phe-Glu-Arg-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-Gly.
Source	
Physical Appearance and Stability	White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	GLP1 protein was lyophilized without any additives. Greater than 97% as determined by RP-HPLC.
Application	
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 1mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in
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**