

## 32-2033: GLP 2

**Alternative Name :** GLP2, GLP-2, Glucagon Like Peptide-2.

### Description

Source : Glucagon Like Peptide-2 contains 34 amino acids having a molecular mass of 3922.38 Dalton. GLP-2 functions as an intestinal growth factor, which stimulates intestinal epithelial growth. GLP2 is involved in diabetes-associated bowel growth. GLP2 enhances cell differentiation, playing a role as a cytokine and in tissue regeneration, and mediating cytoprotection. GLP2 is involved in numerous therapeutic applications. GLP2 regulates signaling pathways coupled to cell proliferation and cell death by apoptosis. GLP-2 is produced by specific post-translational proteolytic cleavage of proglucagon. GLP-2 is manufactured by the intestinal endocrine L cell and by several neurons in the central nervous system.

### Product Info

<b>Amount :</b>	5 mg
<b>Purification :</b>	Greater than 95.0% as determined by RP-HPLC.
<b>Content :</b>	The protein (1mg/ml) was lyophilized with no additives.
<b>Storage condition :</b>	Lyophilized GLP2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GLP2 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.
<b>Amino Acid :</b>	His-Ala-Asp-Gly-Ser-Phe-Ser-Asp-Glu-Met-Asn-Thr-Ile-Leu-Asp-Asn-Leu-Ala-Ala-Arg-Asp-Phe-Ile-Asn-Trp-Leu-Ile-Gln-Thr-Lys-Ile-Thr-Asp-Arg.

### Application Note

It is recommended to reconstitute the lyophilized GLP-2 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.