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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 invloded 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

Amount: 5 mg

Purification: Greater than 95.0% as determined by RP-HPLC.

Content: The protein (1mg/ml) was lyophilized with no additives.

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 Storage condition:

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: 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 $18M\Omega$ -cm H2O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

