9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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GLP 2 Human

Human GLP-2
HRM0045

Product Overview

Name	GLP 2 Human
Description	
Human GLP-2	
Accession (Primary)	P01275
Synonyms	
GLP2, GLP-2, GLP 2.	
Introduction	
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 proGLP. GLP-2 is manufactured by the intestinal endocrine L cell and by several neurons in the central nervous system.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The protein (1mg/ml) was lyophilized with no additives.	
Stability	
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.	
Purity	
Greater than 95.0% as determined by RP-HPLC.	
Amino acid sequence	
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.	
Solubility	
It is recommended to reconstitute the lyophilized GLP-2 in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can	

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then be further diluted to other aqueous solutions.

Precautions

GLP 2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P01275)