

GLP-1 (7-36, amide) peptide

HA211605



Product name:	GLP-1 (7-36, amide) peptide
Species reactivity:	Human
Bio-Activity:	Testing in progress.
Protein construction description:	HAEGTFTSDVSSYLEGQAAKEFIAWLVKGR(-NH ₂)

Background: Glucagon-like peptide-1 (GLP-1) is a 30- or 31-amino-acid-long peptide hormone deriving from tissue-specific posttranslational processing of the proglucagon peptide. It is produced and secreted by intestinal enteroendocrine L-cells and certain neurons within the nucleus of the solitary tract in the brainstem upon food consumption. The initial product GLP-1 (1–37) is susceptible to amidation and proteolytic cleavage, which gives rise to the two truncated and equipotent biologically active forms, GLP-1 (7–36) amide and GLP-1 (7–37). Active GLP-1 protein secondary structure includes two α -helices from amino acid position 13–20 and 24–35 separated by a linker region.

Fragment region: GIP1 (7-36)

Accession: P01275

Formulation: Lyophilized from a 0.2 μ m filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 μ g/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

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No Images

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