

Rev01
Update: Dec,28,2022

DATASHEET

Glucagon-Like Peptide (GLP) I (7-37)

Cat. No.: RP12738CN

Overview

Synonyms	Glucagon-Like Peptidel; Glucagon-Like Peptide 1; Glucagon-Like Peptide1; GLP-I; GLPI; GLP-1; GLP1; GCG peptide
Description	GLP-1 (7-37) is a truncated, bioactive form of GLP-1 that is the product of proglucagon processing in intestinal endocrine L cells. It is a potent insulinotropic hormone.
Sequence	{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}
Sequence Shortening	HAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG
Molecular Formula	C ₁₅₁ H ₂₂₈ N ₄₀ O ₄₇
Molecular Weight	3355.68

Properties

Purity	> 95%
Solubility	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.
Form	Lyophilized
Storage	Store at -20°C. Keep tightly closed. Store in a cool dry place.
Note	Potent Insulin secretagogue.