

Datasheet for ABIN935397 GLP-1 Protein



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GLP-1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence:	HAEGTFTSDV SSYLEGQAAK EFWLVLKGR G
Characteristics:	Purified recombinant Human GLP1 protein Expression System: E.coli
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	GLP-1
Alternative Name:	GLP1 (GLP-1 Products)
Background:	GLP-1 is a proglucagon-derived peptide hormone secreted primarily by intestinal L cells during feeding. Its major physiological function is stimulation of pancreatic beta-cells to release appropriate amounts of insulin after glucose absorption. Other biological actions exhibited by GLP-1 include suppression of plasma glucagons levels, inhibition of gastric motility, and promotion of satiety. The secretion of GLP-1 from intestinal L cells is stimulated by nutrients,

Target Details

hormones, and neural inputs. On the other hand, insulin has been reported to inhibit GLP-1 release, indicating that a feedback loop mechanism regulates GLP-1 secretion. In addition to being the precursor of GLP-1, proglucagon, whose primary structure is highly conserved in mammalian species, is also the precursor for other members of the glucagon family of peptide hormones including glicentin-related pancreatic peptide (GRPP), glucagons, and GLP-2.

Alternative Names: GLP 1 protein, GLP-1 protein, GLP 1, GLP-1, Glucagon-Like Peptide 1 protein, GLP1, GLP-1 protein

Molecular Weight: 3.3 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Supplied as a lyophilized powder.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C