Glucagon like peptide 1 (human) (1-36) amide

A predominant cleaved form of pro-glucagon found in the pancreas and central nervous system. It has been reported that human pancreatic endocrine tumours contain molecular forms of GLP-1 which resemble those expressed in the small intestine, rather than in their tissue of origin. Within the CNS, GLP-1 powerfully inhibits feeding in fasting rats, an action which is blocked by prior administration of the GLP-1 receptor antagonist exendin [9-39]. This observation led to the suggestion that central GLP-1 is a physiological mediator of satiety and has projected GLP-1 into the obesity control debate. Glucagon-like peptide (GLP) 1 [1-36] also serves as a control peptide for Anti-Glucagon-like Peptide (GLP) 1 (BML-GA1176). Blocks immunoreactivity at 10 nmol per ml diluted antibody.

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	GLP 1 (1-36) amide, Blocking peptide for Glucagon like peptide 1 pAb (Prod. No. BML-GA1176)
Appearance	Lyophilized solid.
MW	4111.5
Purity	≥95%
Sequence	H-His-Asp-Glu-Phe-Glu-Arg-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-amide
Solubility	Soluble in water at 1mg/mL.

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