



## Product Data Sheet

**Product Name:** Glucagon-Like Peptide 1, GLP-1 (7-36), amide, human  
**Catalog Number:** 22463 (1 mg)      **Lot Number:** See label on vial  
**Sequence:** H-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-NH2  
(3-letter code)  
HAEGTFTSDVSSYLEGQAAKEFIAWLVKGR-NH2 (1-letter code)  
**Molecular Weight:** 3298.7  
**% Peak Area by HPLC:**  $\geq 95$   
**Appearance:** Lyophilized white powder

**Peptide Reconstitution:** Glucagon-Like peptide is freely soluble in H<sub>2</sub>O.

**Storage:** Glucagon-Like peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at  $-20^{\circ}\text{C}$  or lower. Reconstituted peptide can be aliquoted and stored at  $-20^{\circ}\text{C}$  or lower.

**Description:** This peptide shares sequence with preproglucagon (78-107), amide, human.

**Additional Information:** Listed below are relevant information that may provide a guideline on how to use this product. End users will have to adapt to their own specific applications.

Human GLP-1 (7–36) amide (AnaSpec, San Jose, CA, USA) was infused at a constant rate of  $1.5 \text{ pmol kg}^{-1} \text{ min}^{-1}$  via a mini-osmotic pump that delivers the solution continuously for up to 28 days (ALZET, model 2004; DURECT, Cupertino, CA, USA) as described previously. To initiate immediate pumping, we placed the pre-filled pumps in 0.8% saline for at least 40 h at  $37^{\circ}\text{C}$  before implantation. According to the manufacturer's guideline, GLP-1 was dissolved in 5% acetic acid buffer-[Zhang, J. et al. \*Diabetologia\* 50, 1900 \(2007\).](#)

**Published Citations:**

Zhang, J. et al. *Diabetologia* 50, 1900 (2007).

**Related Products:**

Name	Cat #	Size
Biotin-Glucagon-Like Peptide 1, GLP-1 (7-36), amide, human	23586	0.5 mg
(Biotin-HAEGTFTSDVSSYLEGQAAKEFIAWLVKGR-NH2)	23587	1 mg
Glucagon-Like Peptide 1, GLP-1 (7-36)-Lys(Biotin), amide, human	23642	0.5 mg
(HAEGTFTSDVSSYLEGQAAKEFIAWLVKGRK(Biotin)-NH2)	23643	1 mg
Glucagon-Like Peptide 1, GLP-1 (7-37)	20761	0.5 mg
HAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG	20762	1 mg
Glucagon-Like Peptide 1, GLP-1 amide, human, FAM-labeled	23606	0.5 mg
(FAM-HDEFERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGR)	23607	1 mg

*For Research Use Only*