



Product Data Sheet

Product Name: Glucagon-Like Peptide 1, GLP-1 (7-36), amide, human
Catalog Number: AS-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)
HAEGTFTSDVSSYLEGQAAKEFIAWLKGR-NH₂ (1-letter code)

Molecular Weight: 3298.7

% Peak Area by HPLC: ≥ 95

Appearance: Lyophilized white powder

Peptide Reconstitution: Glucagon-Like peptide is freely soluble in H₂O.

Storage: Glucagon-Like peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at –20°C or lower. Reconstituted peptide can be aliquoted and stored at –20°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 pmol kg⁻¹ 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°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 (Biotin-HAEGTFTSDVSSYLEGQAAKEFIAWLKGR-NH ₂) | AS-23586 | 0.5 mg |
| Glucagon-Like Peptide 1, GLP-1 (7-36)-Lys(Biotin), amide, human (HAEGTFTSDVSSYLEGQAAKEFIAWLKGRK(Biotin)-NH ₂) | AS-23642 AS-23643 | 0.5 mg 1 mg |
| Glucagon-Like Peptide 1, GLP-1 (7-37) HAEGTFTSDVSSYLEGQAAKEFIAWLKGRG | AS-20761 AS-20762 | 0.5 mg 1 mg |
| Glucagon-Like Peptide 1, GLP-1 amide, human, FAM-labeled (FAM-HDEFERHAEGTFTSDVSSYLEGQAAKEFIAWLKGR) | AS-23606 AS-23607 | 0.5 mg 1 mg |

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