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-Thr-Ser-Thr-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-NH2  
(3-letter code)  
HAEGTFTSDVSSYLEGQAAKEFIAWLVGR-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:**


**Related Products:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Cat #</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biotin-Glucagon-Like Peptide 1, GLP-1 (7-36), amide, human</td>
<td>AS-23586</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>(Biotin-HAEGTFTSDVSSYLEGQAAKEFIAWLVGR-NH2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glucagon-Like Peptide 1, GLP-1 (7-36)-Lys(Biotin), amide, human</td>
<td>AS-23642</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>(HAEGTFTSDVSSYLEGQAAKEFIAWLVGRK(Biotin)-NH2)</td>
<td>AS-23643</td>
<td>1 mg</td>
</tr>
<tr>
<td>Glucagon-Like Peptide 1, GLP-1 (7-37)</td>
<td>AS-20761</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>HAEGTFTSDVSSYLEGQAAKEFIAWLVGRG</td>
<td>AS-20762</td>
<td>1 mg</td>
</tr>
<tr>
<td>Glucagon-Like Peptide 1, GLP-1 amide, human, FAM-labeled</td>
<td>AS-23606</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>(FAM-HDEFERHAEGTFTSDVSSYLEGQAAKEFIAWLVGR)</td>
<td>AS-23607</td>
<td>1 mg</td>
</tr>
</tbody>
</table>

© AnaSpec, Inc. 34801 Campus Drive, Fremont, CA 94555  
Tel: (800) 452-5530 | (510) 791-9560 | service@anaspec.com | www.anaspec.com