

**GLP-1/Glucagon-Like Peptide, human**  
**Synthetic Peptide**  
**Catalog # SP2806b****Specification**

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**GLP-1/Glucagon-Like Peptide, human - Product Information**

Primary Accession	<a href="#">Q8MJ25</a>
Other Accession	<a href="#">P05110</a> , <a href="#">P01275</a> , <a href="#">P55095</a> , <a href="#">P01274</a> , <a href="#">P06883</a>
Sequence	NH2-HDEFERHAEGTFTSDVSSYLEGQAAKEFI AWLVKGRG-COOH

**GLP-1/Glucagon-Like Peptide, human - Additional Information****Other Names**

Glucagon, Glicentin, Glicentin-related polypeptide, GRPP, Oxyntomodulin, OXM, OXY, Glucagon, Glucagon-like peptide 1, GLP-1, Glucagon-like peptide 1(7-37), GLP-1(7-37), Glucagon-like peptide 1(7-36), GLP-1(7-36), Glucagon-like peptide 2, GLP-2, GCG

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**GLP-1/Glucagon-Like Peptide, human - Protein Information**

**Name** GCG

**Function**

[Glucagon]: Plays a key role in glucose metabolism and homeostasis. Regulates blood glucose by increasing gluconeogenesis and decreasing glycolysis. A counterregulatory hormone of insulin, raises plasma glucose levels in response to insulin-induced hypoglycemia. Plays an important role in initiating and maintaining hyperglycemic conditions in diabetes.

**Cellular Location**

Secreted {ECO:0000250|UniProtKB:P01275}.

**Tissue Location**

Glucagon is secreted in the A cells of the islets of Langerhans. GLP-1, GLP-2, oxyntomodulin and glicentin are secreted from enteroendocrine cells throughout the gastrointestinal tract. GLP-1 and GLP-2 are also secreted in selected neurons in the brain

**GLP-1/Glucagon-Like Peptide, human - Images**