10320 Camino Santa Fe, Suite G
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Glucagon-Like Peptide II, (1-34), human

Synthetic Peptide
Catalog # SP2793b

Specification

Glucagon-Like Peptide II, (1-34), human - Product Information

Primary Accession	P01275
Sequence	NH2-HADGSFSDEMNTILDNLAARDFINWLIQT KITDR-COOH

Glucagon-Like Peptide II, (1-34), human - Additional Information

Gene ID 2641

Other Names
Glucagon, Glicentin, Glicentin-related polypeptide, GRPP, Oxyntomodulin, OXM, OXY, Glucagon, Glucagon-like peptide 1, GLP-1, Incretin hormone, 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.

Glucagon-Like Peptide II, (1-34), human - Protein Information

Name GCG (HGNC:4191)

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.

Tissue Location
[Glucagon]: Secreted in the A cells of the islets of Langerhans. [Glucagon-like peptide 2]: Secreted from enteroendocrine cells throughout the gastrointestinal tract. Also secreted in selected neurons in the brain [Oxyntomodulin]: Secreted from enteroendocrine cells throughout the gastrointestinal tract

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Glucagon-Like Peptide II, (1-34), human - Images