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Biotin-Glucagon-Like Peptide 1 (7-36), amide, human

Synthetic Peptide
Catalog # SP3466b

Specification

Biotin-Glucagon-Like Peptide 1 (7-36), amide, human - Product Information

Primary Accession	Q8MJ25
Other Accession	P55095, P01273, P01272, P29794, P01275
Sequence	**Biotin-HAEGTFTSDVSSYLEGQAAKEFIAWLVKGR-CONH2**

Biotin-Glucagon-Like Peptide 1 (7-36), amide, 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.

Biotin-Glucagon-Like Peptide 1 (7-36), amide, 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

Biotin-Glucagon-Like Peptide 1 (7-36), amide, human - Images