

GLP-1/Glucagon-Like Peptide, human
Synthetic Peptide
Catalog # SP2806a**Specification**

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

Primary Accession	Q8MJ25
Other Accession	P01274 , P22890 , P05110 , P06883 , P29794
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