

Glucagon Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350202

Unit: 1 mg

Description:

Glucagon, secreted in the A cells of the islets of Langerhans, plays a key role in glucose metabolism and homeostasis. Proglucagon is processed in glucagon, GLP-1, GLP-2, glicentin and oxyntomodulin depending on tissue. Glucagon is used to treat severe hypoglycemia in insulin-dependent diabetics under the names Glucagon (Eli Lilly) and GlucaGen or Glucagon Novo Nordisk (Novo Nordisk).

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Glucagon; GCG

Accession No.: P01275

MW: 3482.8 g/mol

Sequence: Human: H-His-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr-OH or H-HSQGTFTSDYSKYLSRRRAQDFVQWLMNT-OH

Composition: C₁₅₃H₂₂₅N₄₃O₄₉S₁

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.