

Glucagon-Like Peptide 2 (Rat)

Subcategory: Synthetic Peptide

Cat. No.: 350206

Unit: 1 mg

Description:

Glucagon-like peptide 2 (GLP-2) plays a key role in nutrient homeostasis, intestinal glucose transport and mucosal permeability. 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-like peptide 2; GLP-2; Glucagon; GCG

Accession No.: P06883

MW: 3796.22 g/mol

Sequence: Rat: H-His-Ala-Asp-Gly-Ser-Phe-Ser-Asp-Glu-Met-Asn-Thr-Ile-Leu-Asp-Asn-Leu-Ala-Thr-Arg-Asp-Phe-Ile-Asn-Trp-Leu-Ile-Gln-Thr-Lys-Ile-Thr-Asp-OH or H-HADGSFSDEMNTILDNLATRDFINWLIQTKITD-OH

Composition: C₁₆₆H₂₅₆N₄₄O₅₆S₁

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.