

Gastrin Peptide (Chicken)

Subcategory: Synthetic Peptide

Cat. No.: 350192

Unit: 1 mg

Description:

Gastrin stimulates the stomach mucosa to produce hydrochloric acid and the pancreas to secrete digestive enzymes. Gastrin also stimulates smooth muscle contraction and increases blood circulation and water secretion in the stomach and intestine. Progastrin is processed in two major bioactive gastrins, gastrin-17 and gastrin-34.

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

Alternate Names: Gastrin; gastrin-17; G17; gastrin component III; GAST; GAS; cholecystokinin-like peptide; antral peptide

Accession No.: P09859

MW: 4055.58 g/mol

Sequence: Chicken: H-Phe-Leu-Pro-His-Val-Phe-Ala-Glu-Leu-Ser-Asp-Arg-Lys-Gly-Phe-Val-Gln-Gly-Asn-Gly-Ala-Val-Glu-Ala-Leu-His-Asp-Phe-Tyr-Pro-Asp-Trp-Met-Asp-Phe-NH₂ or H-

FLPHVFAELSDRKG FVQGN GAVEALHDFYPDWMD F-NH₂

Composition: C₁₉₀H₂₆₅N₄₇O₅₁S₁

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.