
Product Data Sheet

Product Name: Secretin Human

Cat. No.: GP21305

Batch No.: 1

Product Data

Purity >98%

Source

Physical Appearance solid

Shipping Condition Shipped at Room temp.

Solubility It is recommended to reconstitute the lyophilized Secretin in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Formulation The protein (1mg/ml) was lyophilized with no additives.

Introduction

Human Secretin stimulates the secretion of bicarbonate by the pancreas and inhibits the production of gastrin and acid production in the stomach. It also potentiates the release of digestive enzymes from the pancreas triggered by cholecystokinin.

Stability

Lyophilized Secretin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution Secretin should be stored at 4°C between 2-7 days and for future use below -18°C .For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Background

Secretin has a molecular formula of C₁₃₀H₂₂₀N₄₄O₄₁, a.a. sequence of H-His-Ser-Asp-Gly-Thr-Phe-Thr-Ser-Glu-Leu-Ser-Arg-Leu-Arg- Asp-Ser-Ala-Arg-Leu-Gln-Arg-Leu-Leu-Gln-Gly-Leu-Val-NH₂ and having an Mw of 3055.4 Dalton.

Caution: Product has not been fully validated for medical applications. For research use only.

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