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## Gastrin(1-17)-BSA

Catalog Number: bs-0482PB

AA Seq: Pyr-GPWLEEEEEAYGWMDF-NH<sub>2</sub>

Activity: Yes

Purification: HPLC

Form: Lyophilized

Storage: 0.01M TBS(pH7.4).

Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Gastrin is responsible for epithelial cell proliferation and differentiation. Gastrin regulates the action of parietal cells in secretion of gastric acid and growth factors essential for stomach maintenance. Gastrin maintains sodium ion homeostasis and controls body's blood pressure. Hypoxial conditions in in vitro and in vivo analysis may elevate the expression of gastrin hormone in cancer cells in order to promote angiogenesis. The only established clinical routine use of gastrin RIA so far is in the diagnosis, localization, and therapeutic control of gastrinomas (Zollinger–Ellison or Z–E tumors).