

Rev03
Update: Feb,10,2022

DATASHEET

Gastrin-1, human

Cat. No.: RP12740

Overview

Synonyms	Gastrin1; [18-Pyroglutamic acid]big gastrin I-(18-34)-peptide amide, human[pGlu ¹⁸]-Big gastrin fragment 18-34 amide gastrin I, heptadecapeptide
Description	Gastrin-1 (human), which is mainly expressed in the gut, activates gastric acid secretion and stimulates lectin-like protein Reg expression via activation of PKC and RhoA. It is used as a marker for gastritis.
Cas No	10047-33-3
Sequence	{pGLU}{GLY}{PRO}{TRP}{LEU}{GLU}{GLU}{GLU}{GLU}{GLU}{ALA}{TYR}{GLY}{TRP}{MET}{ASP}{PHE}-NH ₂
Sequence Shortening	PyrGPWLEEEEEAYGWMDf-NH ₂
Molecular Formula	C ₉₇ H ₁₂₄ N ₂₀ O ₃₁ S
C Terminal	NH ₂
Molecular Weight	2098.21

Properties

Purity	> 95%
Solubility	The peptide is soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weigh out a smaller portion of the contents.
Form	Lyophilized
Storage	Store the peptide at -20°C. Keep container tightly closed.