Recombinant Human Gastrin

Cat. No. GAST-192H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Gastrin protein (aa 1-102) is expressed in*E. Coli*. MW=38 kDa.
Species	Human
Source	E.coli
ProteinLength	1-102 a.a.
Description	Gastrin is a 17 amino acid peptide hormone and neurotransmitter widely distributed throught the gastrointestinal (GI) tract and the central nervous system (CNS). Antibodies that react specifically with gastrin may be used to study the differential tissue expression and intracellular and subcellular localization of gastrin in neuroendocrine cells of the gastrointestinal tract, and in the CNS. Antibodies to gastrin are also useful for the identification and detection of gastrin in normal and neoplastic tissue.
Application	ELISA, Inhibition Assays, Western Blotting.
Presentation	100µl purified human gastrin protein at 100µg/ml in 50mM Tris-Acetate, H7.5, 1mM EDTA, 20% Glycerol.
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 38 kDa (Including GST).
Storage	Store vial at -20^{0}C to -80^{0}C. When stored at the recommended temperature, this

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	protein is stable for 12 months.

GENE INFORMATION

Gene Name	GAST gastrin [Homo sapiens]
Synonyms	GAST; gastrin; GAS
Gene ID	2520
mRNA Refseq	NM_000805
Protein Refseq	NP_000796
MIM	137250
UniProt ID	P01350
Chromosome Location	17q21
Function	hormone activity; protein binding

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