

Recombinant Human GRP protein, His & GST-tagged

Cat. No. GRP-891H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRP fused with His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
Description	This gene encodes a member of the bombesin-like family of gastrin-releasing peptides. The encoded preproprotein is proteolytically processed to generate two peptides, gastrin-releasing peptide and neuromedin-C. These peptides regulate numerous functions of the gastrointestinal and central nervous systems, including release of gastrointestinal hormones, smooth muscle cell contraction, and epithelial cell proliferation. These peptides are also likely to play a role in human cancers of the lung, colon, stomach, pancreas, breast, and prostate. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.
Purity	≥ 75% (SDS-PAGE)
Applications	ELISA
Storage	Aliquot and store at -20 or -80 °C. Avoid repeated freeze/thaw cycles
Storage buffer	1xPBS Buffer, Sarkosyl (0.15% m/v)

GENE INFORMATION

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Gene Name	GRP gastrin releasing peptide [Homo sapiens (human)]
Official Symbol	GRP
Synonyms	BN; GRP-10; proGRP; preproGRP; gastrin-releasing peptide; bombesin; neuromedin C; pre-progastrin releasing peptide; prepro-GRP; testicular tissue protein Li 103
Gene ID	2922
mRNA Refseq	NM_001012512.2
Protein Refseq	NP_001012530.1
UniProt ID	P07492

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