

Recombinant Human GRP Protein, His-ABP-tagged

Cat. No. GRP-201H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRP(Met-Gly31-Pro98), transcript variant 3, fused with His-ABP tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	-31 a.a.
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.
Form	PBS,pH7.4
Molecular Mass	23.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name GRP gastrin-releasing peptide [Homo sapiens]

Official Symbol GRP

Synonyms GRP; gastrin-releasing peptide; bombesin; neuromedin C; pre-progastrin releasing peptide; BN; GRP-10; proGRP; preproGRP;

Gene ID 2922

mRNA Refseq NM_001012512

Protein Refseq NP_001012530

MIM 137260

UniProt ID P07492

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