

GRP Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21751c**Specification**

GRP Blocking Peptide (Center) - Product InformationPrimary Accession [P07492](#)**GRP Blocking Peptide (Center) - Additional Information**

Gene ID 2922

Other NamesGastrin-releasing peptide, GRP,
Neuromedin-C, GRP-10, GRP**Target/Specificity**

The synthetic peptide sequence is selected from aa 87-97 of HUMAN GRP

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GRP Blocking Peptide (Center) - Protein Information

Name GRP

Function

Stimulates the release of gastrin and other gastrointestinal hormones (By similarity). Contributes to the perception of prurient stimuli and to the transmission of itch signals in the spinal cord that promote scratching behavior. Contributes primarily

GRP Blocking Peptide (Center) - Background

GRP stimulates gastrin release as well as other gastrointestinal hormones. Operates as a negative feedback regulating fear and established a causal relationship between GRP-receptor gene expression, long-term potentiation, and amygdala- dependent memory for fear (By similarity).

GRP Blocking Peptide (Center) - References

Spindel E.R.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:19-23(1986).
Lebacq-Verheyden A.-M.,et al.Mol. Cell. Biol. 8:3129-3135(1988).
Sausville E.A.,et al.J. Biol. Chem. 261:2451-2457(1986).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Nusbaum C.,et al.Nature 437:551-555(2005).

to nonhistaminergic itch sensation.
Contributes to long-term fear memory, but
not normal spatial memory. Contributes to
the regulation of food intake (By similarity).

Cellular Location

Secreted. Cytoplasmic vesicle, secretory
vesicle lumen
{ECO:0000250|UniProtKB:Q863C3}

GRP Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you
may find useful for product applications.

- [Blocking Peptides](#)