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Ghrelin Blocking Peptide
Catalog # PBV10504b

Specification

Ghrelin Blocking Peptide - Product Information

Primary Accession	Q9UBU3
Other Accession	NP_001128416
Gene ID	51738
Calculated MW	12911

Ghrelin Blocking Peptide - Additional Information

Gene ID 51738

Application & Usage	**The peptide is used for blocking the antibody activity of Ghrelin. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°.**

Other Names
Appetite-regulating hormone, Growth hormone secretagogue, Growth hormone-releasing peptide, Motilin-related peptide, Protein M46, Ghrelin-27, Ghrelin-28, Ghrelin, Obestatin, GHRL, MTLRP

Target/Specificity
Ghrelin

Formulation
50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
Ghrelin Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Ghrelin Blocking Peptide - Protein Information

Name GHRL

Synonyms MTLRP

Function

[Ghrelin-27]: Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR) (PubMed:10604470). Induces the release of growth hormone from the pituitary (PubMed:10604470). Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation.

Cellular Location
Secreted.

Tissue Location
Highest level in stomach. All forms are found in serum as well. Other tissues compensate for the loss of ghrelin synthesis in the stomach following gastrectomy

Ghrelin Blocking Peptide - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Ghrelin Blocking Peptide - Images