

**Ghrelin Blocking Peptide (c-terminus)**  
**Catalog # PBV10503b****Specification**

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**Ghrelin Blocking Peptide (c-terminus) - Product Information**

|                   |                              |
|-------------------|------------------------------|
| Primary Accession | <a href="#">O9UBU3</a>       |
| Other Accession   | <a href="#">NP_001128417</a> |
| Gene ID           | 51738                        |
| Calculated MW     | 12911                        |

**Ghrelin Blocking Peptide (c-terminus) - 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°C.

**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 (C-terminus)

**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 (c-terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Ghrelin Blocking Peptide (c-terminus) - Protein Information****Name** GHRL**Synonyms** MTLRP**Function**

[Ghrelin-27]: Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR) (PubMed:<a href="http://www.uniprot.org/citations/10604470" target="\_blank">10604470</a>). Induces the release of growth hormone from the pituitary (PubMed:<a href="http://www.uniprot.org/citations/10604470" target="\_blank">10604470</a>). 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 (c-terminus) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Ghrelin Blocking Peptide (c-terminus) - Images**