# Recombinant Human GHRL/MTLRP Protein

**Catalog No.: RP01796** **Recombinant**

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---|---|---|
| Human | 51738 | Q9UBU3 |

**Tags**
C-Rabbit Fc

**Synonyms**
GHRL;MTLRP

## Product Information

| Source | Purification |
|---|---|
| HEK293 cells | ≥ 95 % as determined by SDS-PAGE. |

| Calculated MW | Observed MW |
|---|---|
| 36.14 kDa | 45 kDa |

**Endotoxin**
< 0.01 EU/μg of the protein by LAL method

**Formulation**
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

**Reconstitution**
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR). Induces the release of growth hormone from the pituitary. Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation.Obestatin may be the ligand for GPR39. May have an appetite-reducing effect resulting in decreased food intake. May reduce gastric emptying activity and jejunal motility.

## Basic Information

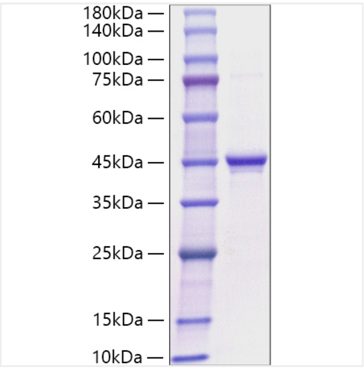
**Description**
Recombinant Human GHRL/MTLRP Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly24-Lys117) of human GHRL/MTLRP (Accession #NP_001128413.1) fused with RaFc tag at the C-terminus.

**Bio-Activity**

**Storage**
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

* 为了您的安全和健康，请穿实验服并戴一次性手套操作。

## Validation Data


180kDa
140kDa
100kDa
75kDa
60kDa
45kDa
35kDa
25kDa
15kDa
10kDa

Recombinant Human GHRL/MTLRP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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