Recombinant Human GHRL/MTLRP Protein

Catalog No.: RP01796

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Sequence Information

Species
Human

Gene ID
51738

Swiss Prot
Q9UBU3

Tags
C-Rabbit Fc

Synonyms
GHRL;MTLRP

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
36.14 kDa

Observed MW
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.

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.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

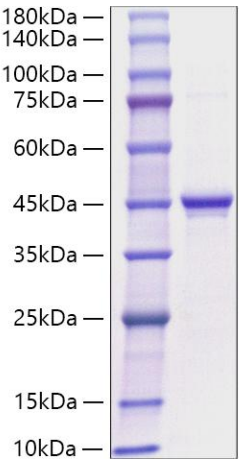
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



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