

# Recombinant Human Appetite-regulating hormone(GHRL)

Catalog No: #AP76795

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Package Size: #AP76795-1 20ug #AP76795-2 100ug #AP76795-3 1mg

## Description

Product Name	Recombinant Human Appetite-regulating hormone(GHRL)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-117aaSequence Info:Full Length of BC025791
Other Names	Growth hormone secretagogue Growth hormone-releasing peptide Motilin-related peptide Protein M46
Accession No.	Q9UBU3
Uniprot	Q9UBU3
GeneID	51738;
Calculated MW	39.9 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MPSPGTVCSSLLLLGMLWLDLAMAGSSFLSPEHQRVQQRKESKKPPAKLQPRALAGWLRPEDGGQAEAGAED EMEVRFNAPFDVGIKLSGVQYQQHSQALGKFLQDILWEEAKEAPADK
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## 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

## References

"Ghrelin is a growth-hormone-releasing acylated peptide from stomach."

Kojima M., Hosoda H., Date Y., Nakazato M., Matsuo H., Kangawa K.

Nature 402:656-660(1999)Research Topic:Cardiovascular

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Note: This product is for in vitro research use only