

Recombinant Rat Ghrelin

Cat. No. Ghrl-47R **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Rat
Description	Ghrelin is a multifunctional peptide with functions that include the regulation of appetite as well as cardiovascular functions.
Form	Powder. Due to the nature of this material, it may coagulate at the bottom of the vial to form resinous droplets during storage. This change in appearance is not related to any deterioration in the quality of the product.
Molecular Mass	3314.8
Usage	For in vitro research use only. Not for use in diagnostics or in humans.
Notes	The n-Octanoyl group of the peptide is prone to detachment from the side chain of Ser3 if the aqueous solution is left at room temperature.
Storage	Powder: Store the undissolved peptide at -20°C. Solution: Prepare 100-200 µL aliquots and freeze at -20°C. The aqueous solution should be used within two weeks.
Warning	No warranties, expressed or implied, are made regarding the use of this product. Creative Biomart is not liable for any damage, personal injury, or economic loss caused by this product.

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GENE INFORMATION

Gene Name	Ghrl ghrelin/obestatin prepropeptide [<i>Rattus norvegicus</i>]
Official Symbol	Ghrl
Synonyms	GHRL; ghrelin/obestatin prepropeptide; appetite-regulating hormone; ghrelin; motilin-related peptide; growth hormone secretagogue; growth hormone-releasing peptide;
Gene ID	59301
mRNA Refseq	NM_021669
Protein Refseq	NP_067701
Pathway	Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem; Synthesis, Secretion, and Deacylation of Ghrelin, organism-specific biosystem;
Function	G-protein coupled receptor binding; ghrelin receptor binding; growth hormone-releasing hormone activity; hormone activity; protein tyrosine kinase activator activity; protein tyrosine kinase activator activity;

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