

Product Datasheet

Ghrelin, Mouse Rat peptide (orb216612)

Description	Ghrelin, Mouse Rat peptide
Form/Appearance	Lyophilized powder
Storage	Shipped at 4°C. Store at -20°C for one year.
Note	For research use only
Application notes	Ghrelin, a peptide hormone produced by the stomach oxyntic cells plays a crucial role in appetite regulation. It binds to the growth hormone secretagogue receptor (GHS-R), which stimulates the release of GH. Ghrelin, which promotes food uptake and body weight increase, acts as an antagonist of leptin. Thus, it has become an important tool in obesity research. Additionally, ghrelin is involved in the bone metabolism, in reproduction, and in the immune system.
Protein Sequence	Gly-Ser-Ser (n-octanoyl)-Phe-Leu-Ser-Pro-Glu-His-Gln-Lys-Ala-Gln-Gln-Arg-Lys-Glu-Ser-Lys-Lys-Pro-Pro-Ala-Lys-Leu-Gln-Pro-Arg
Formula	$C_{147}H_{245}N_{45}O_{42}$
Purity	> 95%
Source	Synthetic
MW	3314.8
CAS Number	258338-12-4
Expiration Date	12 months from date of receipt.

