

Product Datasheet

Ghrelin Human peptide (orb216611)

Description	Ghrelin Human peptide
Form/Appearance	Lyophilized powder
Storage	Shipped at 4°C. Store at -20°C for one year.
Note	For research use only
Application notes	Human ghrelin (GHR), the endogenous ligand of the growth hormone secretagogue receptor (GHS-R), potently stimulates GH release. The Ser ³ octanoyl ester turned out to be essential for generating this activity. Ghrelin plays an important role in the short-time regulation of appetite and in the long-time regulation of energy balance and glucose homeostasis. A number of studies showed that ghrelin is also involved in the regulation of gastrointestinal, cardiovascular, and immune functions as well as in bone metabolism.
Protein Sequence	Gly-Ser-Ser (n-octanoyl)-Phe-Leu-Ser-Pro-Glu-His-Gln-Arg-Val-Gln-Gln-Arg-Lys-Glu-Ser-Lys-Lys-Pro-Pro-Ala-Lys-Leu-Gln-Pro-Arg
Formula	C ₁₄₉ H ₂₄₉ N ₄₇ O ₄₂
Purity	> 95%
Source	Synthetic
MW	3370.9
CAS Number	258279-04-8
Expiration Date	12 months from date of receipt.

