

RPPB1312

Product Information Protein Information

Product SKU:

RPPB1312

Accession:

Q9UBU3

Protein description:

Ghrelin Human contains 28 amino acids and a total molecular mass of 3370.9 Dalton and a molecular formula of C₁₄₉H₂₄₉N₄₇O₄₂. The GHRL is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered Yellowish lyophilized (freeze-dried) powder that may appear as a gel form.

Synonyms:

Appetite-regulating hormone precursor, Growth hormone secretagogue, Growth hormone-releasing peptide, GHRP, Motilin-related peptide, M46 protein, Ghrelin, Obestatin, MTLRP.

Formulation:

GHRL was lyophilized without additives.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

Add deionized water to a working concentration approximately 0.5mg/1ml and let the lyophilized pellet dissolve completely.

Stability:

Store the lyophilized Ghrelin at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted GHRL can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid 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-OH.