

Ghrelin Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350193

Unit: 1 mg

Description:

Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR). Ghrelin induces the release of growth hormone from the pituitary gland. Ghrelin-28 is modified with an O-octanoylation group on the N-terminal end essential for activity.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Ghrelin; appetite-regulating hormone; growth hormone secretagogue; growth hormone-releasing peptide; motilin-related peptide; M46 protein; ghrelin-28; GHRL; MTLRP

Accession No.: Q9UBU3

MW: 3370.9 g/mol

Sequence: Human: H-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 or H-GSS(n-octanoyl)FLSPEHQRVQQRKESKKPPAKLQPR-OH

Composition: C149H249N47O42

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.