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Datasheet for ABIN666671

Ghrelin Protein (GHRL) (AA 24-117) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	Ghrelin (GHRL)
Protein Characteristics:	AA 24-117
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ghrelin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Ghrelin, 24-117 aa, Human, His-tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Ghrelin (GHRL)
Alternative Name:	Ghrelin (GHRL Products)
Background:	Ghrelin, also known as Obestatin, is the ligand for growth hormone secretagogue receptor type 1 (GHSR). It induces the release of growth hormone from the pituitary and involved in growth regulation. This protein has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Ghrelin plays a significant role in neurotrophs, particularly in the hippocampus, and is essential for cognitive adaptation to changing environments and the

Target Details

process of learning. Recombinant Ghrelin protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Obestatin, GHRL, MTLRP, Ghrelin-27, Ghrelin-28, M-46 protein, Appetite-regulating hormone Appetite regulating hormone, Ghrelin 27, Ghrelin 28, Ghrelin/obestatin prepropeptide, Motilin related peptide, Growth hormone releasing peptide, Growth hormone secretagogue, M46 protein,. NCBI no.: AAH25791

Molecular Weight: 12.8 kDa (115aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Hormone Transport](#), [Peptide Hormone Metabolism](#), [Negative Regulation of Hormone Secretion](#), [Synaptic Membrane](#), [Feeding Behaviour](#)

Application Details

Restrictions: For Research Use only

Handling

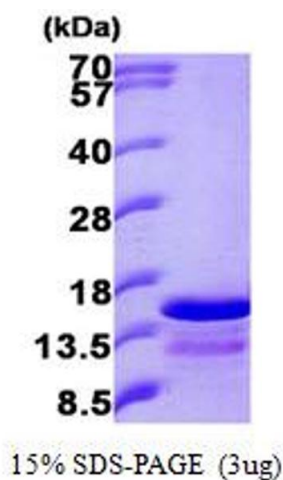
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.