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Ghrelin, 24-117 aa, Human, His-tag, E.coli

产品货号: TP02238

第三版

别名: Appetite-regulating hormone, Obestatin, GHRL, MTLRP, Ghrelin-27, Ghrelin-28, M-46 protein

描述: 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 neurotropy, particularly in the hippocampus, and is essential for cognitive adaptation to changing environments and the process of learning.

配方: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.2M NaCl, 0.1mM PMSF

分子量: 12.8 kDa (115aa) (Real molecular weight on SDS-PAGE will be shift up)

序列:

MGSSHHHHHHSSGLVPRGSHMGSSFLSPEHQRVQQRKESKKPPAKLQPRALAGWLRPEDGGQAEGAEDEMEVRFNAPF
DVGIKLSGVQYQQHSQALGKFLQDILWEEAKEAPADK

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.