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GNRH1, 24-92aa, Human, His tag, E.coli

产品货号: TP02300

第三版

别名: Progonadoliberin-1 isoform 2 preproprotein, Gonadotropin-releasing hormone 1, GNRH, GRH, HH12, LHRH, LNRH

描述: GNRH1 is secreted and then cleaved to form the 10 aa luteinizing hormone-releasing hormone (LHRH, also known as gonadoliberin-1), and prolactin release-inhibiting factor (also known as GnRH-associated peptide 1). GNRH1 stimulates the release of luteinizing and follicle stimulating hormones, which are important for reproduction. The protein stimulates the secretion of gonadotropins; it stimulates the secretion of both luteinizing and follicle-stimulating hormones. Recombinant human GNRH1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量: 10.3 kDa (92aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSQHSYGLRPGGKRDAENLIDSFQEIVKEVGQLAETQRFECTTHQPRSPLRDLK GAL  
ESLIEEETGQKKI

纯度: > 95% by HPLC

浓度: 0.5 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.