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PTH, 32-115aa, Human, E.coli (Bioactivity Validated)

产品货号: TP03591

第三版

别名: PTH, PTH1

描述: Human parathyroid hormone (hPTH) is an 84 amino acid residue peptide and one of the main regulators in maintenance of calcium homeostasis. It acts primarily on kidney and bone cells stimulating calcium back resorption or calcium mobilization, respectively. The whole mechanism is still under discussion, but low-dose hPTH triggers cyclic AMP-dependent protein kinase in some populations of bone cells bearing PTH receptors, which stimulates the proliferation of osteoblasts. Human parathyroid hormone (amino acids 32-115) was overexpressed in E. coli and purified to apparent homogeneity by using conventional column chromatography techniques

配方: Liquid. In phosphate-buffered Saline (pH 7.4) containing 2 mM EDTA

分子量: 9.55 kDa (85 aa), confirmed by MALDI-TOF

序列:

MSVSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNFVALGAPLAPRDAGSQRPRKKEDNVLVESHEKSLGEADKADVN
VLTAKAKSQ

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.