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Growth Hormone, Human Recombinant, E.coli

产品货号: TP02338

第三版

别名: Somatotropin, hGH

描述: Human growth hormone (hGH, somatotropin), a protein hormone from the anterior lobe of the pituitary gland, comprises a single polypeptide chain of 191 amino acid residues. The growth hormone amino acid sequence varies considerably between species, and non-primate growth hormones have little activity in man. Its main function is the stimulation of somatic and bone growth, as well as an increase in the size and mass of organs and tissues.

配方: Liquid in 88 mM mannitol, 5 mM phosphate (pH 7.4)

分子量: 22.2 kDa (192 aa), confirmed by MALDI-TOF

序列:

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.