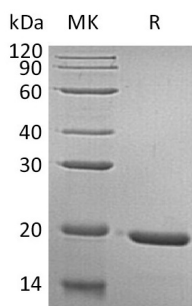


概述 (Summary)

英文全称	Growth hormone/GH(Pituitary,22kD)
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Growth Hormone is produced by our E.coli expression system and the target gene encoding Phe27-Phe217 is expressed.
Accession #	P01241
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	22.1 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM HEPES-NaOH, 8% Trehalose, 2% Mannitol, 0.05% Tween80, pH7.0
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human GH
Catalog #: PEH0765



背景 (Background)

分子别名 (Alternative Names)

GH1;Somatotropin;Growth hormone;GH;GH-N;Growth hormone 1;Pituitary growth hormone

背景介绍 (References)

Growth hormone (GH), also known as somatotropin, is a member of a family of growth factors. It plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. GH includes prolactin, placental lactogens, proliferins, and somatolactin. It is synthesized primarily by somatotropes in the anterior pituitary and is stored in secretory granules. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.