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Growth Hormone, human recombinant protein

Growth hormone 1, Somatotropin
Catalog # PBV10404r

Specification

Growth Hormone, human recombinant protein - Product info

Primary Accession	P01241
Calculated MW	22.367 kDa KDa

Growth Hormone, human recombinant protein - Additional Info

Gene ID	2688
Gene Symbol	SOMA

Other Names
Growth hormone 1, Somatotropin, Pituitary growth hormone

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC; ≥98%
Recombinant	Yes

Application Notes
It is recommended to reconstitute the lyophilized hGH in 10 mM sodium phosphate buffer (pH 8.0) or 10 mM NH4HCO3 (pH 8.0). The solution can then be further diluted to other aqueous solutions. When diluting to below 10 ug/ml, the diluted solution should contain carrier protein (BSA or others) to avoid non-specific absorption of the hGH to plastic tubes.

Format
Lyophilized protein

Storage
-20°C; Lyophilized powder

Growth Hormone, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Growth Hormone, human recombinant protein - Images

Growth Hormone, human recombinant protein - Background

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Recombinant Human Pituitary Growth Hormone produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 192 amino acids and having a molecular mass of 22367 Dalton. Pituitary Growth Hormone is purified by proprietary chromatographic techniques.