

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 Cytometry](#)
- [Cell Culture](#)

Growth Hormone, human recombinant protein - Images**Growth Hormone, human recombinant protein - Background**

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.