

Growth Hormone, murine recombinant protein
Growth hormone 1, Somatotropin
Catalog # PBV10405r**Specification**

Growth Hormone, murine recombinant protein - Product info

Primary Accession [P06880](#)
Calculated MW **22.0 kDa**

Growth Hormone, murine recombinant protein - Additional Info

Gene ID **14599**
Gene Symbol **SOMA**
Other Names
Growth hormone 1, Somatotropin, Pituitary growth hormone

Gene Source **Mouse**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **HPLC; ≥95%**
Recombinant **Yes**
Results **3 units/mg**

Application Notes

Centrifuge the vial prior to opening. It is recommended to reconstitute the lyophilized mGH in sterile deionized H₂O to 0.1-1.0 mg/ml. This solution can then be further diluted to other aqueous solutions or store at -20C for future use.

Format

Lyophilized protein

Storage

-20°C; Lyophilized powder

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

GH is a member of the somatotropin/prolactin family of hormone which plays an important role in growth control. Recombinant mouse Growth Hormone produced in E.Coli is a single, non-glycosylated, single chain containing 191 amino acids and having a molecular mass of 22.0 kDa.