

Mouse Growth Hormone Recombinant Protein



RPPB0334

Product Information Protein Information

Product SKU:

RPPB0334

Accession:

P06880

Host:

Escherichia Coli.

Protein description:

Growth Hormone Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 190 amino acids and having a molecular mass of 22 kDa. Mouse GH is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

GH1, GH, GHN, GH-N, hGH-N, Pituitary GH, GH-1.

Formulation:

Mouse Growth Hormone Recombinant contains 20mM Tris-HCl, pH8.0, 150mM NaCl buffer, pH-8.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Growth Hormone Murine in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized GH mouse although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GH mouse should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

Recombinant Mouse GH is fully biologically active when compared to standard Human GH which is 3 units/mg.