



Rat Growth Hormone

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
100 µg	1445.970.100		
200 µg	1445.970.200		
1 mg	1445.970.199		

Please enquire for bulk quantities and other vial sizes.

Description

GH Rat Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 190 amino acids and having a molecular mass of 21810 Dalton.

- **Source** *E. coli*
- **Purity** ≥ 97 % (SDS-PAGE, SEC-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The protein (1 mg/ml) was lyophilized after extensive dialyses against 5 mM phosphate buffer, 5 mg mannitol and 1 mg glycine*
- **Physical State** Sterile filtered, lyophilized

Reconstitution

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

Stability

Lyophilized GH Rat although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GH Rat 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, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.