

**Product:** Growth Hormone, Rat Recombinant  
**Catalog #:** 11-RGH  
**Amount:** 10 µg

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**DESCRIPTION:** Recombinant Rat GH produced in E.Coli is a single, non-glycosylated, polypeptide chain having a molecular mass of 21940.01 Dalton.  
rrGH is purified by proprietary chromatographic techniques.

**SOURCE:** *E.Coli* Expression System

**PURITY:** Greater than 97.0% as determined by:  
(a) Analysis by RP-HPLC.  
(b) Anion-exchange FPLC.  
(c) Analysis by reducing and non-reducing SDS-PAGE Silver-Stained gel.

**ENDOTOXIN:** Less than 0.1 ng/µg (IEU/µg) of rrGH.

**DIMERS & AGREGATES:** Less than 1% as determined by silver-stained SDS-PAGE gel analysis

**FORM:** Purified in 5mM phosphate buffer, 5mg mannitol and 1mg glycine.

**PROTEIN CONTENT:** Protein quantitation was carried out by two independent methods:  
1. UV spectroscopy at 280 nm.  
2. Analysis by RP-HPLC, using a calibrated solution of rat GH as a Reference Standard.

**CONCENTRATION:** mg/ml

**BIOLOGICAL ACTIVITY:** rOGH is fully biologically active when compared to standard.  
The activity as determined by the dose-dependant stimulation of the proliferation FDCP13B9 cells.

**STORAGE:** -20°C (aliquot), avoid repeated freeze and thaw cycles

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