

Recombinant Ovine Growth Hormone

Catalog No.	CRH203A CRH203B CRH203C	Quantity:	20 µg 100 µg 1.0 mg
Alternate Names:	GH1, GH, GHN, GH-N, Pituitary Growth Hormone, Somatotropin		
Description:	Recombinant Ovine Growth Hormone is a single, non-glycosylated polypeptide chain containing 200 amino acids		
Source:	<i>E. coli</i>		
Molecular Weight:	22.015 kDa		
Formulation:	Lyophilized from a concentrated (1 mg/ml) solution with 0.0045 mM NaHCO ₃		
Purity:	>98.0% as determined by RP-HPLC and SDS-PAGE analyses.		
Endotoxin Level:	< 0.1 ng/µg (1 EU/µg)		
Biological Activity:	The activity was determined by the dose-dependant stimulation of the proliferation FDCP13B9 cells.		
Amino Acid Sequence:	The sequence of the first five N-terminal amino acids is Met-Ala-Phe-Pro-Ala.		
Reconstitution:	Centrifuge vial prior to opening. First add sterile distilled water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2 -4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

