

Recombinant Placental Human Growth Hormone-20K Ultra Pure

Catalog No.	CRH198A CRH198B CRH198C	Quantity:	10 µg 50 µg 1.0 mg
Description:	Recombinant Placental Human GH-20K produced in <i>E. Coli</i> is a single, non-glycosylated, polypeptide chain containing 177 amino acids and having a MW = 20.498 kDa. Predicted pI=8.20. Recombinant Placental Human GH-20K is devoid of lactogenic (prolactin receptor mediated) activity characteristic to pituitary GHs.		
Source:	<i>E. coli</i>		
Formulation:	Lyophilized from a concentrated (1 mg/ml) solution with 0.0045 mM NaHCO ₃ previously adjusted pH 11.		
Purity:	Greater than 98.0% as determined by: Analysis by SEC-HPLC, and analysis by reducing and non-reducing SDS-PAGE.		
Amino Acid Sequence:	The sequence of the first five N-terminal amino acids is Ala-Phe-Pro-Thr-Ile.		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute the lyophilized recombinant Placental Human GH-20K in 0.4% NaHCO ₃ or water adjusted to pH 11, not less than 100 µg/ml, which can then be further diluted to other aqueous solutions containing a carrier protein.		
Storage & Stability:	Lyophilized recombinant Placental Human GH-20K although stable at room temperature for 3 weeks, should be stored as supplied below -20°C. Upon reconstitution, under sterile conditions, product may be stored at 2-8°C for up to 4 weeks. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA), prepare working aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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



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