

PTH

Recombinant Human Parathyroid Hormone

Catalog No.	CRP128A CRP128B CRP128C	Quantity:	100 µg 0.5 mg 1 mg
Alternate Names:	Parathormone, Parathyrin, PTH1		
GeneID:	5741		
Protein Accession No:	NP_000306		
Description:	Recombinant human full length human PTH is a single, non-glycosylated polypeptide chain containing 84 amino acids.		
Source:	<i>E. coli</i>		
Formulation:	Lyophilized from Mannitol + 20 mM PBS, pH 7.0		
Purity:	> 95% as determined by RP-HPLC and SDS-PAGE analyses		
Endotoxin Level:	< 0.1 ng/µg of PTH		
Biological Activity:	Determined by UMR106 cell/cAMP method.		
Specific Activity:	1.0 x 10 ⁴ Units/mg		
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.



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com