

Product Datasheet

Recombinant Human PTH Protein NBP2-35213-20ug

Unit Size: 20 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-35213-20ug

Recombinant Human PTH Protein

Product Information	
Unit Size	20 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with sterilized distilled water or 0.1% BSA aqueous buffer to a final concentration of 0.1 - 1.0 mg/ml.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	9.4 kDa

Product Description	
Description	<p>A single, non-glycosylated biologically active polypeptide chain corresponding to 84 residues of PTH protein.</p> <p>Source: <i>E. coli</i></p> <p>Amino Acid Sequence: SVSEIQLMHN LGKHLNSMER VEWLRKKLQD VHNFVALGAP LAPRDAGSQRPRKKEDNVLV ESHEKSLGEA DKADVNVLTAKSQ</p>
Gene ID	5741
Gene Symbol	PTH
Species	Human
Details of Functionality	Parathyroid Hormone Protein is fully biologically active when compared to standard. The ED50 as determined by its ability to induce cAMP accumulation in murine MC3T3E1 cells is less than 50 ng/ml, corresponding to a specific activity of > 2.0 x 10 ⁴ IU/mg.
Endotoxin Note	Less than 1 EU/ug of rHuPTH1-84 as determined by LAL method.
Product Application Details	
Applications	Functional, SDS-Page, Bioactivity
Recommended Dilutions	Functional, SDS-Page, Bioactivity



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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