

# Product Datasheet

## Recombinant Human PTH 15N Stable Isotope Protein NBP2-35214-10ug

Unit Size: 10ug

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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**NBP2-35214-10ug**

Recombinant Human PTH 15N Stable Isotope Protein

Product Information	
Unit Size	10ug
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.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/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	9.5 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 84 amino acids corresponding to 15N stable isotope labeled PTH <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> P01270  <b>Amino Acid Sequence:</b> SVSEIQLMHN LGKHLNSMER VEWLRKKLQD VHNFVALGAP LAPRDAGSQR PRKKEDNVLV ESHEKSLGEA DKADVNVLTAKSQ
Gene ID	5741
Gene Symbol	PTH
Species	Human
Details of Functionality	PTH 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 <sup>4</sup> IU/mg.
Endotoxin Note	Less than 1 EU/ug of PTH as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity



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### **Products Related to NBP2-35214-10ug**

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NBP2-35215-100ug	Recombinant Human PTH Protein
M6000B-1	IL-6 [HRP]
MAB7665	PTH Antibody (918462) [Unconjugated]
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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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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