

Recombinant Human PTH protein, 86aa, 15N Stable Isotope Labeled

Cat. No. PTH-6069H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	15N Stable Isotope Labeled Recombinant Human PTH protein(P12272)(Ala37-Pro122) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	37-122 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in 10 mM PB, pH 6.0, 300 mM NaCl.
Molecular Mass	Approximately 10033 Da, a single non-glycosylated polypeptide chain containing 86 amino acids. 15N stable isotope labeled.
AASequence	AVSEHQLLHD KGKSIQDLRR RFFLHHLIAE IHTAEIRATS EVSPNSKPSP NTKNHPVRFG SDDEGRYLTQ ETNKVETYKE QPLKTP
Endotoxin	Less than 0.1 EU/µg of rHuPTHrP, 15N as determined by LAL method.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile

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conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$.

GENE INFORMATION

Gene Name	PTH parathyroid hormone [Homo sapiens]
Official Symbol	PTH
Synonyms	PTH; parathyroid hormone; parathormone; parathyrin; parathyroid hormone 1; PTH1;
Gene ID	5741
mRNA Refseq	NM_000315
Protein Refseq	NP_000306
MIM	168450
UniProt ID	P01270

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SDS-PAGE

