

Recombinant Human PTHLH protein

Cat. No. PTHLH-339H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTHLH protein(P12272)(37-122 aa) 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 conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

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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 $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name PTHLH parathyroid hormone-like hormone [Homo sapiens]

Official Symbol PTHLH

Synonyms PTHLH; parathyroid hormone-like hormone; parathyroid hormone-related protein; HHM; osteostatin; PLP; PTHR; PTHRP; PTH-rP; PTH-related protein; parathyroid hormone-like related protein; BDE2; MGC14611;

Gene ID 5744

mRNA Refseq NM_002820

Protein Refseq NP_002811

UniProt ID P12272

SDS-PAGE

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