Recombinant Human PTH protein

Cat. No. PTH-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTH protein(P01270)(38-115 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	38-115 aa
Form	Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.
Molecular Mass	Approximately 8.8 kDa, a single non-glycosylated polypeptide chain containing 78 amino acids.
AASequence	LMHNLGKHLN SMERVEWLRK KLQDVHNFVA LGAPLAPRDA GSQRPRKKED NVLVESHEKS LGEADKADVN VLTKAKSQ
Endotoxin	Less than 1 EU/μg of rHuPTH7-84 as determined by LAL method.
Purity	≥ 98 % by SDS-PAGE analysis ≥ 95 % by HPLC analysis.
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 ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

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
SDS-PAGE	

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