Recombinant Human PTH therapeutic protein (Teriparatide)

Cat. No. PTH-P062H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human parathyroid hormone is a potent anabolic agent used in the treatment of osteoporosis.
Species	Human
ProteinLength	34 Aa
Description	Our expression product is the active ingredient of Apthela, Forsteo, Forteo, Fortessa, Opthia, Optia, Optiah, Zalectra and Zelletra.
Molecular Mass	4.12 Kda
AA Sequence	SVSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNF
Endotoxin	< 1.0 EU per μg of the protein
Purity	>95%
Storage	Can be stored at +4 centigrade short term (1-2weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoidrepeated freezing and thawing cycles.
Alias	PTH; PTH1; PTH (1-34); PTH 1-34; Teriparatida; Teriparatide recombinant human

GENE INFORMATION

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45-1 Ramsey Road, Shirley, NY 11967, USA

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
Chromosome Location	11p15.3-p15.1
Pathway	Class B/2 (Secretin family receptors), organism-specific biosystem; Endochondral Ossification, organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Osteoblast Signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem;
Function	hormone activity; parathyroid hormone receptor binding; peptide hormone receptor binding; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity;

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