Parathyroid Hormone, Human-Type, Synthetic (1-34) fragment Reference standard

Cat. No. PTH-65H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Enzyme Unit	Each ampoule of the reagent contains 355 UNITS.
Usage	For all practical purposes, each ampoule of reagent contains the same quantity of the substances listed above. Dissolve the total contents of the ampoule in a known volume of a suitable solvent (distilled water, saline or buffer) with carrier protein where extensive dilution is required. No attempt should be made to weigh out any portion of the freeze-dried material. For economy of use, it may be possible that the solution be sub-divided into several small containers and stored at -40°C or below for approx. 3 months. Conditions of storage should be monitored carefully to ensure that activity is retained. The ampoules do not contain bacteriostat and solution of the reagent should not be assumed to be sterile.
Notes	This preparation is not for administration to humans. The material is not of human or bovine origin. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.
Storage	Unopened ampoules should be stored at -20°C. Please note: because of the inherent

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	stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

Gene Name	PTH parathyroid hormone [Homo sapiens];
Official Symbol	PTH
Synonyms	PTH1; parathyroid hormone; parathyrin; prepro-PTH; parathormone; parathyroid hormone 1; preproparathyroid hormone
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; G alpha (s) signalling events, organism-specific biosystem; Signal Transduction, organism-specific biosystem
Function	RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; peptide hormone receptor binding; type 1 parathyroid hormone

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	receptor binding

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