

# Human PTH (1-34) Recombinant Protein



RPPB1362

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## Product Information    Protein Information

**Product SKU:**

RPPB1362

**Accession:**

P01270

**Protein description:**

Parathyroid Hormone Human Synthetic (C181H291N55O51S2) contains 34 amino acids and has a molecular mass of 4117.72 Dalton. The PTH is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Parathyrin, PTH, Parathormone.

**Formulation:**

The protein (1mg/ml) was lyophilized without any additives.

**Purity:**

Greater than 99.0% as determined by RP-HPLC.

**Solubility:**

It is recommended to reconstitute the lyophilized Parathormone in sterile 18M $\Omega$ -cm H<sub>2</sub>O not less than 100  $\mu$ g/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Parathyrin although stable at room temperature for 3 weeks should be stored desiccated below -18°C. Upon reconstitution PTH should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

H-Ser-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe-OH.