



## Parathyroid Hormone (1-34) Human

<b>Item Number</b>	rAP-2598
<b>Synonyms</b>	Parathyrin, PTH, Parathormone.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P01270
<b>Amino Acid Sequence</b>	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.
<b>Source</b>	
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
<b>Formulation and Purity</b>	The protein (1mg/ml) was lyophilized without any additives. Greater than 99.0% as determined by RP-HPLC.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized Parathormone in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**