

## Parathyroid Hormone Related Protein Human Recombinant

<b>Item Number</b>	rAP-2591
<b>Synonyms</b>	Parathyroid Hormone 2, PTH2, TIPF39, Tuberoinfundibular 39 Residue Protein.
<b>Description</b>	PThrP Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 86 amino acids, having an MW of 9.9kDa. The PThrp is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q96A98
<b>Amino Acid Sequence</b>	AVSEHQLLHD KGKSIQDLRR RFFLHHLIAE IHTAEIRATS EVSPNSKPSP NTKNHPVRFG SDDEGRYLTQ ETNKVETYKE QPLKTP.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized PThrp although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution PThrp should be stored at 4C between 2-7 days and for future use below -18C. 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>	PthRp protein was lyophilized from a 0.2μm filtered concentrated solution in 1xPBS, pH 7.4. Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized PThrp in sterile 18M <sup>-</sup> cm H <sub>2</sub> O 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 end users! This product is sold for **Research Use Only**