

Parathyroid Hormone Related Protein Human Recombinant

Item Number	rAP-2591
Synonyms	Parathyroid Hormone 2, PTH2, TIPF39, Tuberoinfundibular 39 Residue Protein.
Description	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.
Uniprot Accession Number	Q96A98
Amino Acid Sequence	AVSEHQLLHD KGKSIQDLRR RFFLHHLIAE IHTAEIRATS EVSPNSKPSP NTKNHPVRFG SDDEGRYLTQ ETNKVETYKE QPLKTP.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	It is recommended to reconstitute the lyophilized PTHrP in sterile 18M ² -cm H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	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**