

Parathyroid Hormone Related Protein N15 Labeled Human Recombi-

Item Number	rAP-2592
Synonyms	Parathyroid Hormone 2, PTH2, TIPF39, Tuberoinfundibular 39 Residue Protein.
Description	PTHrP N15 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 86 amino acids, having an MW of 10033 Da labeled by the stable isotope N15. The PTHrP is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96A98
Amino Acid Sequence	AVSEHQLLHD KGKSIQDLRR RFFLHHLIAE IHTAEIRATS EVSPNSKPSP NTKNHPVRFG SDDEGRYL TQ ETNKVETYKE QPLKTP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized PTHrP N15 although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution PTHrP N15 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 N15 protein was lyophilized from a 0.2µm filtered concentrated solution in 1xPBS, pH 7.4. Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 10mM HAc to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered 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**