

Parathyroid Hormone (7-84) Human Recombinant

Item Number	rAP-2593
Synonyms	Parathyrin, PTH, Parathormone.
Description	PTH (7-84) Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 76 amino acids, having an MW of 8.8kDa. The PTH (7-84) is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P01270
Amino Acid Sequence	LMHNLGKHLN SMERVEWLRK KLQDVHNFVA LGAPLAPRDA GSQRPRKKED NVLVESHEKS LGEAD-KADVN VLTKAKSQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized PTH (7-84) although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution PTH (7-84) 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	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, 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 PTH (7-84) in sterile 18M?-cm H2O 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**