

Human PTH (1-84) N15 Recombinant Protein



RPPB1298

Product Information Protein Information

Product SKU:

RPPB1298

Accession:

P01270

Host:

Escherichia Coli.

Protein description:

PTH (1-84) N15 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 84 amino acids and having a molecular mass of 9550 Dalton labeled by the stable isotope N15. The PTH (1-84) N15 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Parathyrin, PTH, Parathormone.

Formulation:

PTH (1-84) N15 protein was lyophilized from a 0.2µm filtered concentrated solution in 1xPBS, pH 7.4.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

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.

Stability:

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.

Amino Acid Sequence:

SVSEIQLMHN LGKHLNSMER VEWLRKKLQD VHNFVALGAP LAPRDAGSQR PRKKEDNVLV ESHEKSLGEA DKADVNVLTAKSQ.

Biological Activity:

The activity calculated by UMR106 cell/cAMP method corresponding to a specific activity of 9,000 Units/mg.