

Human PTH (7-84) Recombinant Protein



RPPB5754

Product Information Protein Information

Product SKU:

RPPB5754

Accession:

P01270

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Parathyrin, PTH, Parathormone.

Formulation:

Lyophilized from a 0.2 µm filtered concentrated solution in PBS, 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 PTH (7-84) in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

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.

Amino Acid Sequence:

LMHNLGKHLN SMERVEWLRK KLQDVHNFVA LGAPLAPRDA GSQRPRKKED NVLVESHEKS LGADKADVN VLTKAKSQ.