

Parathyroid Hormone Active Protein | PTH active protein

Recombinant Human Parathyroid Hormone (1-84) N15 Labeled

CATALOG # AAA38891	HOST E Coli
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PRODUCT SYNONYMS

Parathyroid Hormone; Recombinant Human Parathyroid Hormone (1-84) N15 Labeled; PTH (1-84) N15 Human; Parathyroid Hormone (1-84) N15 Labeled Human Recombinant; Parathyrin; PTH; Parathormone; PTH (1-84) N15; PTH active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	PTH (1-84) N15 protein was lyophilized from a 0.2 um filtered concentrated solution in 1xPBS, pH 7.4.
Sequence	SVSEIQLMHN LGKHLNSMER VEWLRKKLQD VHNFVALGAP LAPRDAGSQR PRKKEDNVLV ESHEKSLGEA DKADVNLTK AKSQ
Sequence Length	115
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized Parathormone in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The ED50 as determined by its ability to induce cAMP accumulation in murine MC3T3E1 cells is less than 50ng/ml, corresponding to a specific activity of >2.0x10 ⁴ IU/mg.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for PTH active 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.
Product Categories/Family for PTH active protein	Hormones; Hormones; PTH

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506267
NCBI GeneID	5741
NCBI Accession #	NP_000306.1
NCBI GenBank Nucleotide #	NM_000315.2
UniProt Accession #	P01270; Q4VB48; Q9UD38
NCBI Official Full Name	parathyroid hormone preproprotein
NCBI Official Synonym Full Names	parathyroid hormone

NCBI Official Symbol	PTH
NCBI Official Synonym Symbols	PTH1
NCBI Protein Information	parathyroid hormone; parathormone; parathyrin; parathyroid hormone 1; prepro-PTH; preproparathyroid hormone
UniProt Protein Name	Parathyroid hormone
UniProt Gene Name	PTH
UniProt Synonym Gene Names	PTH
UniProt Entry Name	PTHY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/e-coli-ptb-active-protein/parathyroid-hormone/38891>