

Parathyroid Hormone Active Protein | PTH active protein

Recombinant Human Parathyroid Hormone (1-34)

CATALOG # AAA38348	HOST E Coli
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PRODUCT SYNONYMS

Parathyroid Hormone; Recombinant Human Parathyroid Hormone (1-34); PTH (1-34) Human; Parathyroid Hormone (1-34) Human Recombinant; Parathyrin; PTH; Parathormone; PTH (1-34); PTH active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 98.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The protein (1 mg/ml) was lyophilized after extensive dialyses against 1.15 mg sodium citrate, sodium chloride 7.31 mg, 0.21 mg citric acid, 0.1117 EDTA-Na2, 0.2 mg Tween 80 and 50 mg Mannitol. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	Ser-Val-Se r-Glu-Ile- Gln-Leu-Me t-His-Asn- Leu-Gly-Ly s-His-Leu- Asn-Ser-Me t-Glu-Arg- Val-Glu-Tr p-Leu-Arg- Lys-Lys-Le u-Gln-Asp- Val-His-As n-Phe
Sequence Length	115
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 activity calculated by UMR106 cell/cAMP method corresponding to a specific activity of 1.0 x 10 ⁴ Units/mg
Preparation and Storage	Lyophilized Parathyrin although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution PTH should be stored at 4 degree C between 2-7 days and for future use below -18 degree 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: Parathyroid Hormone Human Recombinant (C ₁₈₁ H ₂₉₀ N ₅₅ O ₅₁ S ₂) produced in E Coli is a single, non-glycosylated, polypeptide chain containing 34 amino acids and having a molecular mass of 4117.8 Dalton. The PTH 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.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-ptth-active-protein/parathyroid-hormone/38348>