

## PTHrP Human

**Description:** PTHrP Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 86 amino acids, having an MW of 9.9kDa. The PTHrP is purified by proprietary chromatographic techniques.

Catalog #: HOPS-011

**Synonyms:** Parathyroid Hormone 2, PTH2, TIPF39, Tuberoinfundibular 39 Residue Protein.

For research use only.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered White lyophilized (freeze-dried) powder.

**Amino Acid Sequence:** AVSEHQLLHD KGKSIQDLRR RFFLHHLIAE IHTAEIRATS  
EVSPNSKPSP NTKNHPVRFV SDDEGRYLTQ ETNKVETYKE QPLKTP.

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

**Formulation:**

PthRp protein was lyophilized from a 0.2

**Stability:**

Lyophilized PTHrP although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution PTHrP 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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Solubility:**

It is recommended to reconstitute the lyophilized PTHrP in sterile 18M-cm H<sub>2</sub>O not less than 100

**Introduction:**

PTHrP is a powerful and discriminating agonist of PTH2R which takes part in adenylyl cyclase activation and intracellular calcium levels elevation. PTHrP encourages protein kinase C beta activation, recruitment of beta-arrestin and PTH2R internalization. Additionally, PTHrP inhibits cell proliferation through its contribution to PTH2R activation, activates nociceptors and nociceptive circuits and acts as a neuropeptide in spermatogenesis.

**To place an order, please [Click HERE](#).**