

## PTHrP Human E. coli

### Product Data Sheet

|                                                         |                  |          |
|---------------------------------------------------------|------------------|----------|
| <b>Type:</b> Recombinant                                | <b>Cat. No.:</b> |          |
| <b>Source:</b> E. coli                                  | RBG10279010      | (10 µg)  |
| <b>Species:</b> Human                                   | RBG10279050      | (50 µg)  |
| <b>Other names:</b> Parathyroid Hormone-related Protein | RBG10279100      | (100 µg) |

### Introduction to the Molecule

PTHrP is a polypeptide hormone produced by almost every tissue of the body. PTHrP is closely related to parathyroid hormone (PTH), which is secreted from the parathyroid gland and plays a central role in regulating the extracellular concentrations of calcium and phosphorous. Recombinant human PTHrP is a 9.8 kDa linear polypeptide of 86 amino acid residues.

### Research topic

Apoptosis, Bone and cartilage metabolism, Cardiovascular disease, Coronary artery disease

### Amino Acid Sequence

AVSEHQLLHD KGKSIQDLRR RFFLHHLIAE IHTAEIRATS EVSPNSKPSP NTKNHPVRFV SDDEGRYLTQ ETNKVETYKE QPLKTP

### Source

E. coli

### Purity

98%

### Biological Activity

Data not available.

### Endotoxin

Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

### Reconstitution

Centrifuge the vial prior to opening. Reconstitute in 1x PBS, pH 7.2 to a concentration of 0.1-0.5 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

### Storage, Stability/Shelf Life

-20°C

|                                                                 |                               |                               |                                                                   |                                                                             |
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