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# PTH, human recombinant protein
**Parathyrin, PTH, Parathormone**
**Catalog # PBV10344r**

## Specification

### PTH, human recombinant protein - Product info

| | |
|---|---|
| Primary Accession | P01270 |
| Calculated MW | **9.0 kDa KDa** |

### PTH, human recombinant protein - Additional Info

| | |
|---|---|
| Gene ID | **5741** |
| Gene Symbol | **PTH** |
| **Other Names** | |
| Parathyrin, PTH, Parathormone | |
| Gene Source | **Human** |
| Source | **E. coli** |
| Assay&Purity | **SDS-PAGE;** |
| Assay2&Purity2 | **HPLC; ≥98%** |
| Recombinant | **Yes** |
| **Target/Specificity** | |
| PTH | |

**Application Notes**
Reconstitute in $H_2O$ to a concentration of 0.1-1 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or –20°C for future use.

**Format**
Lyophilized protein

**Storage**
-20°C; Sterile filtered and lyophilized powder

### PTH, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### PTH, human recombinant protein - Images

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## PTH, human recombinant protein - Background

Parathyroid Hormone (PTH) is the most important endocrine regulator of calcium and phosphorus concentration in extraCellular fluid. This hormone is secreted from cells of the parathyroid glands and targets cells in bone and kidney. Like other protein hormones, parathyroid hormone is synthesized as a preprohormone. After intraCellular processing, the mature hormone is packaged within the Golgi into secretary vesicles and secreted into blood by exocytosis. Recombinant human PTH is a 9 kDa protein consisting of 84 amino acid residues.

## PTH, human recombinant protein - References

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