

## 32-8135: Recombinant Human Parathyroid Hormone-Related Protein/PTH LH (C-6His)(Discontinued)

**Gene :** PTHLH  
**Gene ID :** 5744  
**Uniprot ID :** P12272

### Description

Source: E. coli.

MW :16.9kD.

Recombinant Human Parathyroid Hormone-Related Protein is produced by our E.coli expression system and the target gene encoding Ala37-Arg175 is expressed with a 6His tag at the C-terminus. Parathyroid Hormone-Related protein (PTH RP) is a member of the parathyroid hormone family. PTH RP is known as a potent inhibitor of chondrocyte maturation. PTH RP is a critical regulator of cellular and organ growth, development, migration, differentiation and survival and of epithelial calcium ion transport. PTH RP also regulates epithelial-mesenchymal interactions during the formation of the mammary glands. During endochondral bone development, PTH RP plays a major role in suppressing the onset of hypertrophic differentiation. Defects in PTH RP are the cause of Brachydactyly Type E2.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MAVSEHQLLHDKGKSIQDLRRRFFLHHLIAEIHAEIRATSEVSPNSKPSNTKNHPVRFSGSDDEGRYLTQETNK VETYKEQPLKTPGKKKKGKPGKRKEQEKKKRRTRSAWLDSGVTGSGLEGDHLSDTSTTSLELDSRLEHHHHH H

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.