

Recombinant Human Parathyroid Hormone-Related Protein/PTHrP Protein(C-6His)

Cat.NO.: TP05784

3th Edition

Synonyms:Parathyroid Hormone-Related Protein; PTH-rP; PTHrP; Parathyroid Hormone-Like Protein; PLP; PTHrP [1-36]; PTHrP [38-94]; Osteostatin; PTHrP [107-139]; PTHLH; PTHRP

Description:Parathyroid Hormone-Related protein (PTHrP) is a member of the parathyroid hormone family. PTHrP is known as a potent inhibitor of chondrocyte maturation. PTHrP is a critical regulator of cellular and organ growth, development, migration, differentiation and survival and of epithelial calcium ion transport. PTHrP also regulates epithelial-mesenchymal interactions during the formation of the mammary glands. During endochondral bone development, PTHrP plays a major role in suppressing the onset of hypertrophic differentiation. Defects in PTHrP are the cause of Brachydactyly Type E2.

Form:PBS

Molecular Weight:

Sequences:Ala37-Arg175

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.