9051 Mira Mesa Blvd, #910094
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PTHrP Human

Parathyroid Hormone Related Protein Human Recombinant
HRM0099

Product Overview

Name	PTHrP Human
Description	
Parathyroid Hormone Related Protein Human Recombinant	
Accession (Primary)	Q96A98
Synonyms	
Parathyroid Hormone 2, PTH2, TIPF39, Tuberoinfundibular 39 Residue Protein.	
Introduction	
PTHrP is a powerful and discriminating agonist of PTH2R which takes part in adenyl 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
PthRp protein was lyophilized from a 0.2 μm filtered concentrated solution in 1xPBS, pH 7.4.	
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.	
Purity	
Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
AVSEHQLLHD KGKSIQDLRR RFFLHHLIAE IHTAEIRATS EVSPNSKPSP NTKNHPVRFG SDDEGRYLTQ ETNKVETYKE QPLKTP.	
Solubility	
It is recommended to reconstitute the lyophilized PTHrP in sterile 18MΩ-cm H 2 O not less than 100 μg/ml, which can	

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then be further diluted to other aqueous solutions.

Precautions

PTHrP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96A98)