9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PTHrP N15 Human

Parathyroid Hormone Related Protein N15 Labeled Human Recombinant
HRM0100

Product Overview

Name	PTHrP N15 Human
Description	
Parathyroid Hormone Related Protein N15 Labeled 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 N15 protein was lyophilized from a 0.2 µm filtered concentrated solution in 1xPBS, pH 7.4.	
Stability	
Lyophilized PTHrP N15 although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution PTHrP N15 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 95.0% 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 be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 10mM	

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HAc to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.

Precautions

PTHrP N15 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96A98)