

pTH-Related Protein (1-40) (human, mouse, rat)

Cat. No.:	HY-P4856
CAS No.:	120298-73-9
Molecular Formula:	C ₂₀₇ H ₃₃₄ N ₆₆ O ₅₈
Molecular Weight:	4675.27
Sequence:	Ala-Val-Ser-Glu-His-Gln-Leu-Leu-His-Asp-Lys-Gly-Lys-Ser-Ile-Gln-Asp-Leu-Arg-Arg-Arg-Phe-Phe-Leu-His-His-Leu-Ile-Ala-Glu-Ile-His-Thr-Ala-Glu-Ile-Arg-Ala-Thr-Ser
Sequence Shortening:	AVSEHQLLHDKGKSIQDLRRRFFLHHLIAEIHTAEIRATS
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

pTH-Related Protein (1-40) (human, mouse, rat) stimulates calcium uptake in rat intestinal cells through PTHR1 receptor and PKC α / β signaling pathways. pTH-Related Protein (1-40) up-regulates parathyroid hormone 1 receptor (PTH1R) protein, four transcellular calcium transporters, potential vanillin member 6 (TRPV6), calcium-binding protein-D9K (CaBP-D9k), sodium-calcium Exchanger 1 (NCX1) and plasma membrane calcium ATPase 1 (PMCA1)^[1].

Caution: Product has not been fully validated for medical applications. For research use only.

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