

Parathyroid Hormone (1-34), human, biotinylated

Cat. No.:	HY-P2510
Molecular Formula:	C ₁₉₁ H ₃₀₅ N ₅₇ O ₅₃ S ₃
Molecular Weight:	4344.1
Sequence:	Biotin-Ser-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe
Sequence Shortening:	Biotin-SVSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNF
Target:	Thyroid Hormone Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Sealed storage, away from moisture and light, under nitrogen
	Powder -80°C 2 years
	-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description	Parathyroid Hormone (1-34), human, biotinylated is a probe for the parathyroid hormone receptor, can be used for analyzing the interaction between parathyroid hormone and parathyroid hormone receptors in living cells and for purifying hormone-receptor complexes with affinity columns ^{[1][2]} .
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REFERENCES

- [1]. Newman W, et, al. Biotinylated parathyroid hormone as a probe for the parathyroid hormone receptor. Structure-function analysis and detection of specific binding to cultured bone cells by flow cytometry. J Biol Chem. 1989 Oct 5; 264(28): 16359-65.
- [2]. Banerjee S, et, al. Synthesis and characterization of novel biotinylated carboxyl-terminal parathyroid hormone peptides that specifically crosslink to the CPTH-receptor. Peptides. 2006 Dec; 27(12): 3352-62.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA