



Product Data Sheet

Product Name:	Parathyroid Hormone (1-34), human	
Catalog Number:	AS-20708 (1 mg)	Lot Number: See label on vial
Sequence:	H-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-OH (3-letter code) SVSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNF(1-letter code)	
Molecular Weight:	4117.8	
Peptide Purity:	>95%	
Appearance:	Lyophilized white powder	

Peptide Reconstitution: Parathyroid hormone peptide is freely soluble in water.

Storage: Parathyroid hormone peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.

Description: Parathyroid hormone (PTH) regulates the metabolism of calcium and phosphate. PTH and PTH-related polypeptide (PTHrP) play important roles in calcium homeostasis of bone, kidney, breast, and placenta; they signal via the PTH/PTHrP and PTH2 receptors. PTH(1–34) administration suppresses cardiovascular calcification and down-regulates aortic osteogenic programs driven by diabetes and dyslipidemia. Ref: Shao, J. et al. *J. Biol. Chem.* **278**, 50195 (2003); Shew, RL. and PKT. Pang *Peptides* **5**, 485 (1984).

Published Citations:

Hoare, S. R. J. et al. *J. Biol. Chem.* **276**, 7741 (2001).
Liu, G. et al. *J. Biol. Chem.* **282**, 20407 (2007).

Related Products:

Name	Cat #	Size
Parathyroid Hormone (1-34), human, biotinylated	AS-20690	1 mg
Biotin-SVSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNF		

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