

Parathyroid Hormone (39-84), human
Synthetic Peptide
Catalog # SP2505a**Specification**

Parathyroid Hormone (39-84), human - Product Information

Primary Accession [P01270](#)
Sequence **NH2-APLAPRDAGSQRP RKKEDNVLVESHEKSL**
GEADKADVNVLTAKSQ-COOH

Parathyroid Hormone (39-84), human - Additional Information

Gene ID 5741

Other Names

Parathyroid hormone, PTH, Parathormone, Parathyrin, PTH

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Parathyroid Hormone (39-84), human - Protein Information

Name PTH {ECO:0000303|PubMed:35932760, ECO:0000312|HGNC:HGNC:9606}

Function

Parathyroid hormone elevates calcium level by dissolving the salts in bone and preventing their renal excretion (PubMed:11604398, PubMed:35932760). Acts by binding to its receptor, PTH1R, activating G protein-coupled receptor signaling (PubMed:18375760, PubMed:35932760). Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells (PubMed:21076856).

Cellular Location

Secreted

Parathyroid Hormone (39-84), human - Images