

Recombinant Feline Parathyroid Hormone (PTH)

Cat. No.: AP2C180

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Feline Parathyroid Hormone (PTH) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 12.9 kDa. The purity is >85% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Feline
Expression System	<i>E.coli</i>
Purity	>85% (SDS-PAGE)
Predicted Molecular Weight	12.9 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 6% Trehalose.

Target Information

In felines, parathyroid hormone (PTH) is a principal hormone released by the parathyroid glands, regulating blood calcium levels by increasing bone resorption, renal calcium reabsorption, and intestinal calcium absorption. PTH secretion rises with low blood calcium and falls with high levels to maintain calcium homeostasis. It also activates vitamin D in the kidneys, indirectly influencing calcium uptake. Clinically, PTH levels are used to diagnose parathyroid disorders, such as hyperparathyroidism.

Protein	Feline Parathyroid Hormone (PTH)
Protein Synonym	Parathyroid hormone; PTH; Parathyrin
Gene ID	493684
UniProt ID	Q9GL67

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.