

Recombinant Canine Parathyroid Hormone (PTH), N-His-GST

Cat. No.: AP7F403

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Canine Parathyroid Hormone (PTH), N-His-GST is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 39.5 kDa. The purity is >80% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL). It can be used as a positive control or as an immunogen.

Specifications

Type	Recombinant Protein
Species	Canine
Expression System	<i>E.coli</i>
Purity	>80% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	39.5 kDa
Molecular Weight	40 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Parathyroid hormone is encoded by the *PTH* gene in dogs. In primary hyperparathyroidism, calcium homeostasis is disrupted by excessive synthesis and secretion of parathyroid hormone.

Protein	Canine Parathyroid Hormone (PTH)
Protein Synonym	parathyroid hormone, parathyroid hormone, parathyrin
Gene ID	403986
UniProt ID	P52212

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 4 weeks at 2-8°C, for 12 months at -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH 7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. Aliquote the reconstituted solution to minimise 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.