

Recombinant Feline Adiponectin (APM1)

Cat. No.: AP9C687

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Feline Adiponectin (APM1) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 24.9 kDa. The purity is >90% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Feline
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	24.9 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.

Target Information

Feline adiponectin (apM1) is a hormone secreted by adipose tissue that plays a role in regulating glucose and lipid metabolism. It enhances insulin sensitivity, promotes fatty acid oxidation, and has anti-inflammatory properties. In veterinary medicine, apM1 is significant for managing metabolic disorders and assessing the health status of cats.

Protein	Feline Adiponectin (APM1)
Gene ID	554338
UniProt ID	A4PB30

Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote as needed and store at -80°C upon receipt. Reconstituted protein solution can be stored at 4°C for 1 week, at < -80°C for 12 months. Avoid repeated freezing and thawing.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile distilled water to a concentration of 0.1-1.0 mg/mL. 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.