

Recombinant Feline Islet Amyloid Polypeptide (IAPP)

Cat. No.: AP2C90

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Feline Islet Amyloid Polypeptide (IAPP) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 9.8 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	9.8 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 6% Trehalose.

Target Information

Feline Islet Amyloid Polypeptide (IAPP) is a 37-amino acid peptide secreted by pancreatic β -cells in cats. It regulates glucose homeostasis by inhibiting insulin and glucagon secretion. In felines, IAPP misfolding can lead to amyloid deposits, contributing to type 2 diabetes. It also plays a role in gastrointestinal regulation and satiety signaling.

Protein	Feline Islet Amyloid Polypeptide (IAPP)
Protein Synonym	IAPP; Islet amyloid polypeptide; Amylin
Gene ID	751513
UniProt ID	P12967

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.