

Recombinant Rabbit Adiponectin, N-His

Cat. No.: AP4C444

Product Type: Animal Proteins

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

Product Overview

BioVenic's Recombinant Rabbit Adiponectin, N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 28.2 kDa. The purity is > 95%.

Specifications

Type	Recombinant Protein
Species	Oryctolagus cuniculus (Rabbit)
Expression System	<i>E.coli</i>
Purity	> 95%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	28.2 kDa
Physical State	Lyophilized
Formulation	20 mM Tris, 150 mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Target Information

Rabbit Adiponectin is a hormone secreted by adipose tissue that plays a crucial role in regulating glucose and fatty acid metabolism. It is known to improve insulin sensitivity and has anti-inflammatory effects, which are important for maintaining metabolic homeostasis. In rabbits, adiponectin levels can be influenced by factors such as diet and exercise, similar to other mammals. This protein also helps in reducing inflammation and protecting against cardiovascular diseases by modulating endothelial function and lipid metabolism. Additionally, adiponectin has been shown to have beneficial effects on energy homeostasis, preventing gluconeogenesis and fatty acid accumulation through the activation of AMPK signaling.

Protein	Rabbit Adiponectin
Protein Synonym	Adiponectin
EC No.	Q2LDA4

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°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. Reconstitute in 20 mM Tris, 150 mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. 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.