

Recombinant Canine Apolipoprotein E (APOE), N-His

Cat. No.: AP7F334

Product Type: Animal Proteins

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

Product Overview

BioVenic's Recombinant Canine Apolipoprotein E (APOE), N-His is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 23.7 kDa. The purity is >95% (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	>95% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	23.7 kDa
Molecular Weight	24 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Apolipoprotein E is encoded by the *APOE* gene in dogs. It plays an important role in lipid metabolism and lipid transport in the brain of human and other mammals. It belongs to a family of fat-binding proteins named apolipoproteins.

Protein	Canine Apolipoprotein E (APOE)
Protein Synonym	apolipoprotein E, Apo-E, apolipoprotein E4
Gene ID	476438
UniProt ID	P18649

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. Aliquot 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.