

Recombinant Canine T-cell Surface Glycoprotein CD3 Delta Chain (CD3D), C-Fc

Cat. No.: AP2C40

Product Type: Animal Proteins

Size: 100 µg

Product Overview

BioVenic's Recombinant Canine T-cell Surface Glycoprotein CD3 Delta Chain (CD3D), C-Fc is a recombinant protein expressed from HEK293 Cell. Its predicted molecular weight is 36.2 kDa. The purity is >95% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Canine
Expression System	HEK293 Cell
Purity	>95% (SDS-PAGE)
Predicted Molecular Weight	36.2 kDa
Physical State	Lyophilized
Formulation	pH 7.4. 5 % trehalose and mannitol are added as protectants.

Target Information

In canines, Canine T-cell Surface Glycoprotein CD3 Delta Chain (CD3D) is a key component of the TCR-CD3 complex in T lymphocytes. It plays a crucial role in adaptive immunity by transmitting signals through CD3D, CD3E, CD3G, and CD3Z chains upon TCR engagement.

Protein	Canine T-cell Surface Glycoprotein CD3 Delta Chain (CD3D)
Protein Synonym	T-cell receptor T3 delta chain
Gene ID	479419
UniProt ID	A0A8P0NPW3

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.