

Recombinant Canine Interleukin 17 Receptor D (IL17RD), C-Fc

Cat. No.: AP2C19

Product Type: Animal Proteins

Size: 100 µg

Product Overview

BioVenic's Recombinant Canine Interleukin 17 Receptor D (IL17RD), C-Fc is a recombinant protein expressed from HEK293 Cell. Its predicted molecular weight is 58.2 kDa. The purity is >90% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Canine
Expression System	HEK293 Cell
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	58.2 kDa
Physical State	Lyophilized
Formulation	pH 7.4. 5 % trehalose and mannitol are added as protectants.

Target Information

Canine Interleukin 17 Receptor D (IL17RD) is a type I transmembrane protein that regulates multiple signaling pathways. It is also known as Sef (similar expression to fibroblast growth factor). IL17RD is a negative fibroblast growth factor (FGF) signaling regulator and modulates receptor tyrosine kinase pathways. In dogs, IL17RD is involved in immune regulation and inflammation control by interacting with IL-17 and Toll-like receptor (TLR) signaling. It also plays a role in cell proliferation, differentiation, and survival. Dysregulation of IL17RD has been implicated in various diseases, including cancer and inflammatory conditions.

Protein	Canine Interleukin 17 Receptor D (IL17RD)
Protein Synonym	Interleukin 17 receptor D
UniProt ID	A0A8I3S756

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.