

Recombinant Canine CD47 Molecule (CD47), C-His

Cat. No.: AP7F480

Product Type: Animal Proteins

Size: 100 µg

Product Overview

BioVenic's Recombinant Canine CD47 Molecule (CD47), C-His is a recombinant protein expressed from HEK293 Cells. Its predicted molecular weight is 15.8 kDa. The purity is >90% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL).

Specifications

Type	Recombinant Protein
Species	Canine
Expression System	HEK293 Cells
Purity	>90% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	15.8 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, with trehalose.

Target Information

CD47 (Cluster of Differentiation 47) also known as integrin associated protein (IAP) is a transmembrane protein. CD47 molecule is encoded by the *CD47* gene in dogs. The CD47/SIRPα axis is an immune checkpoint that limits the macrophage response to tumor-specific antibodies.

Protein	Canine CD47 Molecule (CD47)
Protein Synonym	CD47 molecule, leukocyte surface antigen CD47, CD47 antigen
Gene ID	478552

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 12 months at -20°C or -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquote 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.