

Active Recombinant Canine CD244 protein, Fc-tagged

Cat. No. CD244-2850C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine CD244 protein(Ile 24-Ser 185), fused with Fc tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	Ile 24-Ser 185
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human 4-1BB Ligand, Mouse IgG2a Fc Tag, low endotoxin at 5 µg/mL (100 µL/well) can bind Canine 4-1BB Protein, Fc Tag with a linear range of 0.3-5 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 43.4 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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