

Biotinylated Recombinant Canine CD274 protein(1-236aa), hFc-tagged

Cat. No. CD274-1366C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine CD274 Protein (NP_001278901.1, 1-236aa), was expressed in HEK293 with C-terminal human IgG1 Fc tag and biotinylated conjugate.
Species	Canine
Source	HEK293
ProteinLength	1-236 aa
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Canine CD274 consists of 456 amino acids and predicts a molecular mass of 51.5 kDa. As a result of glycosylation, it migRates as an approximately 77 and 145.5 kDa band in SDS-PAGE under reducing conditions, corresponding to the monomer and homodimer.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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.

Conjugation

Biotin

GENE INFORMATION**Official Symbol**

CD274

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