

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Canine CD274 Protein (NP_001278901.1, 1-236aa), was expressed in HEK293 with C-terminal human IgG1 Fc tag and biotinylated conjugate.
<b>Species</b>	Canine
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-236 aa
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	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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