

Recombinant Canine CD274 Protein, hFc tagged

Cat. No. CD274-1058C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Canine CD274 Protein (NP_001278901.1, 1-236aa), was expressed in HEK293 with hFc tag.
Species	Canine
Source	HEK293
ProteinLength	1-236 aa
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
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 77.93 and 149.69 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 Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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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.

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