

Recombinant Canine CD274 Protein, Fc-tagged, FITC conjugated

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

SPECIFICATION

Product Overview	Recombinant Canine CD274 Protein (XP_541302.4, 1-236aa), was expressed in HEK293 with C-terminal human IgG1 Fc tag and FITC conjugate.
Species	Dog
Source	HEK293
ProteinLength	1-236 aa
Form	Lyophilized
Molecular Mass	51.5 kDa
N-terminal Sequence Analysis	Phe 19
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> (17.0+77.6) % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Emission Wavelength: 535 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	FITC

GENE INFORMATION

Gene Name	CD274 CD274 molecule [<i>Canis lupus familiaris</i>]
Official Symbol	CD274
Synonyms	PDL1; PD-L1; programmed death ligand 1
Gene ID	484186
mRNA Refseq	NM_001291972
Protein Refseq	NP_001278901

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