

Recombinant Canine CD40 Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. CD40-167CAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant Canine CD40 (Q7YRL5) (Met1-Ala194), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Dog
Source	HEK293
ProteinLength	415
Form	Lyophilized
Molecular Mass	The recombinant canine CD40/Fc is a disulfide-linked homodimer. The reduced monomer comprises 415 amino acids and has a predicted molecular mass of 46.1 kDa. The apparent molecular mass of the protein is approximately 50-56 kDa in SDS-PAGE under reducing
N-terminal Sequence Analysis	Glu 21
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

 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

Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 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. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	CD40 centigrade D40 molecule, TNF receptor superfamily member 5 [centigrade anis lupus familiaris(dog)]
Official Symbol	CD40
Gene ID	403469
mRNA Refseq	NM_001002982
Protein Refseq	NP_001002982

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UniProt ID

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