Recombinant Canine CD40, Fc tagged

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

SPECIFICATION

Product Overview	Recombinant Canine CD40 (Q7YRL5) (Met1-Ala194), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Canine
Source	Human Cells
ProteinLength	1-194 a.a.
Predicted N Terminal	Glu 21
Form	Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
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
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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

Storage	Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD40?CD40 molecule, TNF receptor superfamily member 5 [?Canis lupus familiaris?(dog)]
Official Symbol	CD40
Gene ID	403469
mRNA Refseq	NM_001002982
Protein Refseq	NP_001002982
UniProt ID	Q7YRL5
Chromosome Location	24

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