

Recombinant Canine CD40 protein(Met1-Ala194)

Cat. No. CD40-1038C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine CD40 (Q7YRL5) (Met1-Ala194) was expressed in HEK293 with six amino acids (LEVLFQ) at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	Met1-Ala194
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant canine CD40 is a disulfide-linked homodimer. The reduced monomer comprises 181 amino acids and has a predicted molecular mass of 19.9 kDa. The apparent molecular mass of the protein is approximately 28-32 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % 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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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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