Recombinant Rat Cd40 protein, hFc-tagged

Cat. No. Cd40-8726R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd40 protein(Q4QQW2)(Met1-Arg193), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Arg193
Form	Lyophilized from sterile PBS, pH 7.4Please 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 rat CD40/Fc is a disulfide-linked homodimer. The reduced monomer comprises 415 amino acids and has a predicted molecular mass of 46.2 kDa. The apparent molecular mass of the protein is approximately 53 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

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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.

GENE INFORMATION

Gene Name	Cd40 CD40 molecule, TNF receptor superfamily member 5 [Rattus norvegicus]
Official Symbol	Cd40
Synonyms	CD40; CD40 molecule, TNF receptor superfamily member 5; tumor necrosis factor receptor superfamily member 5; CD40 antigen, TNF receptor superfamily member 5; tumor necrosis factor receptor superfamily, member 5; Tnfrsf5;
Gene ID	171369
mRNA Refseq	NM_134360
Protein Refseq	NP_599187

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