

Active Recombinant Mouse Cd40 protein, His-tagged, Low Endotoxin

Cat. No. Cd40-86M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd40 protein(P27512-1)(24-193 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	24-193 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse CD40, His Tag at 2µg/ml (100 µl/well) on the plate. Dose response curve for Mouse CD40 Ligand Trimer, hFc Tag with the EC50 of 3.5 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 19.9 kDa. Due to glycosylation, the protein migrates to 30-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name Cd40 CD40 antigen [Mus musculus]

Official Symbol Cd40

Synonyms CD40; CD40 antigen; tumor necrosis factor receptor superfamily member 5; CD40L receptor; B-cell surface antigen CD40; T-cell differentiation antigen; tumor necrosis factor receptor superfamily, member 5; IGM; p50; Bp50; GP39; IMD3; TRAP; HIGM1; T-BAM; Tnfrsf5; AI326936;

Gene ID 21939

mRNA Refseq NM_011611

Protein Refseq NP_035741

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