

Active Recombinant Mouse Cd40lg protein, monomeric hFc-tagged, Low Endotoxin

Cat. No. Cd40lg-7854M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd40lg protein(P27548)(112-260 aa), fused with N-terminal monomeric hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	112-260 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, 200 mM L-arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse CD40, His Tag at 2 µg/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 75.6 kDa. Due to glycosylation, the protein migrates to 76-80 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	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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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 Cd40lg CD40 ligand [*Mus musculus*]

Official Symbol Cd40lg

Synonyms CD40LG; CD40 ligand; T-cell antigen Gp39; TNF-related activation protein; tumor necrosis factor ligand superfamily member 5; IGM; IMD3; Ly62; TRAP; gp39; CD154; Cd40l; HIGM1; Ly-62; T-BAM; CD40-L; Tnfsf5;

Gene ID 21947

mRNA Refseq NM_011616

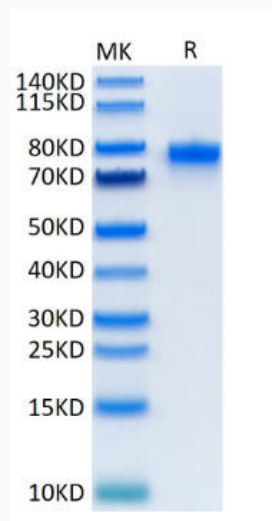
Protein Refseq NP_035746

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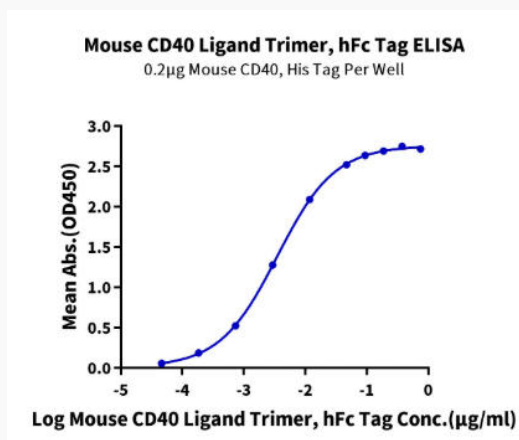
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Bis-Tris PAGE



ELISA Data



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