

Recombinant Mouse Cd40lg protein, monomeric hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Cd40lg protein(P27548)(Met112-Leu260), fused with N-terminal monomeric hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met112-Leu260
Tag	N-monomeric hFc
Form	Lyophilized from 0.22µm filtered solution in PBS, 200mM 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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

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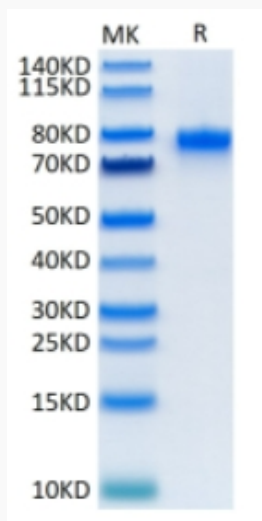
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	Cd40lg CD40 ligand [<i>Mus musculus</i>]
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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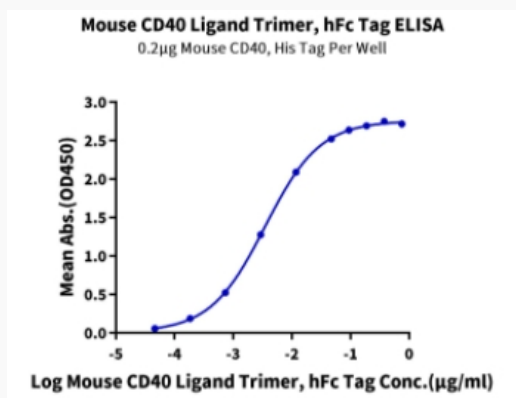
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Tris-Bis PAGE



ELISA Data



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