

Active Recombinant Mouse Cd70 protein(Gln47-Pro159), mFc-tagged

Cat. No. Cd70-972M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd70 (NP_035747.1) (Gln47-Pro195) was expressed in HEK293 with the Fc region of Mouse IgG1 at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Gln47-Pro159
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1.Measured by its binding ability in a functional ELISA. 2.Immobilized mouse CD27-His at 10µg/mL (100µL/well) can bind mouse CD70, the EC50 of mouse CD70 is 10-50 ng/mL.
Molecular Mass	The recombinant mouse Cd70 consists 385 amino acids and predicts a molecular mass of 43.1 kDa.
Endotoxin	< 1.0 EU per µg 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.

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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.

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 Cd70 CD70 antigen [*Mus musculus*]

Official Symbol Cd70

Synonyms

CD70; CD70 antigen; CD27-L; CD27 ligand; Ki-24 antigen; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7; Cd27l; CD27LG; Tnfsf7;

Gene ID 21948

mRNA Refseq NM_011617

Protein Refseq NP_035747

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