Active Recombinant Mouse Cd70 Protein (Gln47-Pro195), N-His tagged, Animal-free, Carrier-free

Cat. No. Cd70-87M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd70 Protein (Gln47-Pro195) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Gln47-Pro195
Description	CD27L is also named for CD70 which is one member of TNF family. CD27L is expressed on T and B lymphocytes and mature DCs. It binds the CD27, which is on the antigen-presenting cells. CD27L is a 19.2 kDa cytokine with 148 amino acid residues which is a transmembrane glycoprotein. CD27L plays an important role in the regulation of T cell proliferation which is also a good target of cancer immunotherapy.
Form	Lyophilized
Bio-activity	Measure by its ability to induce proliferation in mouse T cells in the presence of the anti-CD3 antibody. The ED50 for this effect is < 4.5 μg/mL
Molecular Mass	The protein has a calculated MW of 17.25 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).

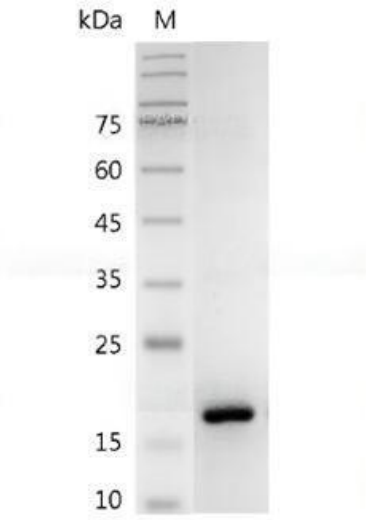
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Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	Cd70 CD70 antigen [Mus musculus (house mouse)]
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

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Protein Refseq	NP_035747
UniProt ID	O55237
SDS-PAGE analysis of recombinant mouse CD27L.	

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