

Active Recombinant Mouse Cd27l Protein, His-Tagged

Cat. No. Cd27l-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Cd27l Protein, His-tagged was expressed in E. coli cell
Species	Mouse
Source	E.coli
Description	CD27 Ligand, which belongs to the TNF superfamily, is a type II transmembrane protein. Like NK cells, CD27L is also located in activated T and B lymphocytes. Along with NK enhancement, CD27L and its receptor regulate the immune response by raising expansion and differentiation of T cell. CD27 signaling can act like a co-stimulatory effector to sustain survival of the CD8+ T cells, mainly by increasing expression of the IL-2 gene.
Form	Lyophilized powder
AA Sequence	QQQRLLEHPEPHTAELQLNLTVPKDPTRLRWGAGPALGRSFTHGPELEEGHLRIHQ DGLYRLHIQVTLANCSSPGSTLQHRATLAVGICSPA AHGISLLRGRFGQDCTVALQRLTYLVHGDVLTNLTLPLLPSRNADETFFGVQWICP with polyhistidine tag at the N-terminus
Endotoxin	<0.1 EU per 1 µg of the protein by the LAL method.
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.

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Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Notes	Please use within one month after protein reconstitution.

GENE INFORMATION

Gene Name	Cd70 CD70 antigen [<i>Mus musculus</i> (house mouse)]
Official Symbol	Cd27l
Synonyms	Cd70; CD27LG; Tnfsf7; Tnlg8a
Gene ID	21948
mRNA Refseq	NM_011617.2
Protein Refseq	NP_035747.1
UniProt ID	O55237

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