

RMCM089

Recombinant CD27L (CD27 ligand), Mouse ,AF



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5ug;20ug;100ug;500ug;

Synonym/Alternative name(s):

soluble CD27 Ligand, sCD27 Ligand, TNFSF7, CD70, Tnfs, Tnlg8a

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.

Protein 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.

Protein Accession : O55237.1

Gene ID : 21948

Expression Sequence:

QQQRLLLEHPEPHTAELQLNLTVPKRDPTLRWGAGPALGRSFTHGPELEEGLRIHQDGLYRLHIQVTLANCSSPGSTLQHRATLAVGICSPAAHGISLLRGRFGQDCTVALQRLTYLVHGDVLCNTLPLPSRNADETFFGVQWICP with polyhistidine tag at the N-terminus.

Fusion tag : His-tag?at?the?N-terminus

Species : Mouse

Reactivity : Mouse

Expression Host : Escherichia coli

Source : E. coli

Purity/method:

>98% as determined by SDS-PAGE. Ni-NTA chromatography

Endotoxin level:

<0.1 EU per 1 µg of the protein by the LAL method.

Calculated Molecular Weight : 17.25 kDa

Formulation:

The protein was lyophilized from a solution containing 1X PBS, pH7.4.

Reconstitution:

It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping : Blue Ice

Stability and Storage:

Lyophilized protein should be stored at -20°C for 1 year.

Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or

stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category : Cytokines

Application : Cell culture, Elisa

Image:



SDS- PAGE analysis of recombinant mouse CD27L