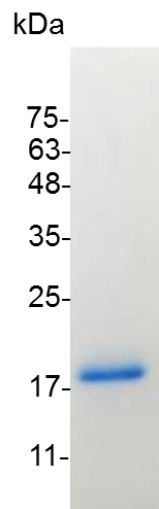


CD27L (CD27 ligand), Mouse

v. 231101

Catalog number	C02045-5UG / C02045-20UG / C02045-100UG
Package	5 µg / 20 µg / 100 µg
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.
Source	<i>Escherichia coli</i>
Sequence	QQQRLLLEHPEPHTAELQLNLTVPRKDPTLRWGAGPALGRSFTHGPELEEGHL RIHQDGLYRLHIQVTLANCSSPGSTLQHRATLAVGICSPA AHGISLLRGRFGQD CTVALQRLTYLVHGDVLTNLTLPLPSRNADETFFGVQWICP with polyhistidine tag at the N-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce proliferation in mouse T cells in the presence of the anti-CD3 antibody. The ED ₅₀ for this effect is <4.5 µg/mL.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
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 H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant mouse CD27L

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