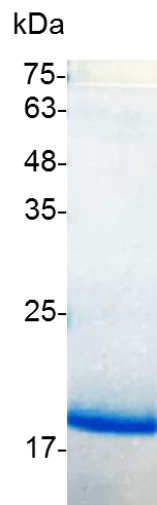


**CD27L (CD27 ligand), Human**

v. 231001

<b>Catalog number</b>	C01052-5UG / C01052-20UG / C01052-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	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.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	QRFAQAQQLPLESLGWDVAELQLNHTGPQQDPRLYWQGGPALGRSFLHGP ELDKGQLRIHRDGIYMVHIQVTLAICSSTTASRHHPTTLAVGICSPASRSISLLRL SFHQGCTIASQRLTPLARGDTLCTNLTGTLPSRNTDETFFGVQWVRP with polyhistidine tag at the N-terminus
<b>Endotoxin level</b>	<0.01 EU per 1 µg of the protein by the LAL method.
<b>Activity</b>	Measure by its ability to induce IL-8 secretion in human PBMCs. The ED <sub>50</sub> for this effect is <0.6 ng/mL.
<b>Purity</b>	>98% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS containing 0.05% sarkosyl, pH 8.0.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> 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.
<b>Stability &amp; Storage</b>	This product is stable after storage at: <ul style="list-style-type: none"> <li>• -20°C for 12 months in lyophilized state from date of receipt.</li> <li>• -20°C or -80°C for 1 month under sterile conditions after reconstitution.</li> </ul> Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human CD27L

*For research use only.*