

PRODUCT INFORMATION  
**CD27L (CD27 ligand), Human**

<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>	QRFAQAQQQLPLESLGWDVAELQLNHTGPQQDPRLYWQGGPALGRSFLHGP ELDKGQLRIHRDGIYMVHIQVTLAICSSTTASRHHPTTLAVGICSPASRISLLRLSF HQGCTIASQRLTPLARGDTLCTNLTGTLPSRNTDETFFGVQWVRP 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. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing 0.05% sarkosyl in 1X PBS, 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 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Note</b>	Please use within two weeks after protein reconstitution.



SDS-PAGE analysis of recombinant human CD27L

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