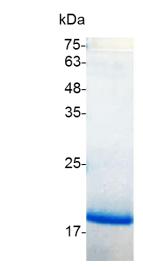
PRODUCT INFORMATION CD27L (CD27 ligand), Human

Catalog number	C01052-5UG / C01052-20UG / C01052-100UG
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	Escherichia coli
Sequence	QRFAQAQQQLPLESLGWDVAELQLNHTGPQQDPRLYWQGGPALGRSFLHGP ELDKGQLRIHRDGIYMVHIQVTLAICSSTTASRHHPTTLAVGICSPASRISLLRLSF HQGCTIASQRLTPLARGDTLCTNLTGTLLPSRNTDETFFGVQWVRP with polyhistidine tag at the N-terminus
Endotoxin level	<0.01 EU per 1 μ g of the protein by the LAL method.
Activity	Measure by its ability to induce IL-8 secretion in human PBMCs. The ED $_{50}$ for this effect is <0.6 ng/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 0.05% sarkosyl in 1X PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 100 μ g/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.
Note	Please use within two weeks after protein reconstitution.





SDS-PAGE analysis of recombinant human CD27L

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