OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR31159PU-N

CD70 Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD70 human protein, 50 µg
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	HHHHHHHHPSPGGSGGQR FAQAQQQLPL ESLGWDVAEL QLNHTGPQQD PR LYWQGGPALG RSFLHGPELD KGQLRIHRDG IYMVHIQVTL AICSSTTASR HHPTTLAVGI CSPASRSISL LRLSFHQGCT IASQRLTPLA RGDTLCTNLT GTLLPSRNTD ETFFGVQWVR P
Predicted MW:	18.8 kDa
Purity:	>95% by SDS-PAGE & HPLC analysis
Buffer:	Presentation State: Purified State: Lyophilized purified protein Buffer System: PBS without stabilizers
Bioactivity:	Biological: Determined by its ability to stimulate human IL-8 production by human PBMC using a concentration range of 10.0-25.0 ng/ml. Note: Results may vary with PBMC donors.
Reconstitution Method:	We recommended a quick spin followed by reconstitution in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted into other aqueous buffers and stored at 4°C for one week or at –20°C for future use.
Preparation:	Lyophilized purified protein
Protein Description:	Human soluble CD27L corresponds to the 155 amino acid extracellular domain of the full length CD27L protein. The provided human sCD27L protein contains the extracellular domain plus an N-terminal His-Tag.
Note:	Centrifuge vials before opening!
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.

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RefSeq:	NP_001243
Locus ID:	970
UniProt ID:	P32970, A0A0U5JA32
Cytogenetics:	19p13.3
Synonyms:	CD27-L; CD27L; CD27LG; LPFS3; TNFSF7; TNLG8A
Summary:	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin sythesis. [provided by RefSeq, Jul 2008]
Protein Families:	ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction