

## Product datasheet for **AR31047PU-S**

### CD70 Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CD70 human recombinant protein, 10 µg
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	<u>HHHHHHH</u> HPS PGGSGGQRFA QAQQQLPLES LGWDVAELQL NHTGPQQDPR LYWQGGPALG RSFLHGPELD KGQLRIHRDG IYMVHIQVTL AICSSTTASR HHPTTLAVGI CSPASRSISL LRLSFHQGCT IASQRLTPLA RGDTLCTNLT GTLLPSRNTD ETFFGVQWVR P
Predicted MW:	18.8 kDa
Purity:	>95% by SDS-PAGE gel and HPLC analyses
Buffer:	Presentation State: Purified State: Lyophilized purified protein
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. <b>Note:</b> Results may vary with PBMC donors.
Endotoxin:	< 0.1 ng per µg (1EU/µg)
Reconstitution Method:	Restore in water to a concentration of 0.1-1.0 mg/ml. <b>Do Not Vortex.</b> This solution can then be diluted into other aqueous buffers and stored at 2-8°C for one week or (with a carrier protein, e.g. 0.1% BSA) at -20°C to -80°C for longer.
Preparation:	Lyophilized purified protein
Protein Description:	Recombinant Human sCD27L contains the extracellular domain plus an N-terminal <i>His-Tag</i> . The calculated molecular weight of Recombinant Human sCD27L is 18.8 kDa.
Note:	Centrifuge vial before opening.
Storage:	Store the lyophilized protein at -20°C. Following reconstitution product is stable for 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



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RefSeq:	<a href="#">NP_001243</a>
Locus ID:	970
UniProt ID:	<a href="#">P32970</a> , <a href="#">A0A0U5JA32</a>
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 synthesis. [provided by RefSeq, Jul 2008]
Protein Families:	ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction