

## Product datasheet for **AR52063PU-S**

### CD70 (39-193, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CD70 (39-193, His-tag) human protein, 50 µg
Species:	Human
Expression cDNA Clone or AA Sequence:	ADPQRFAQAQ QQLPLESLGW DVAELQLNHT GPQQDPRLYW QGGPALGRSF LHGPELDKGQ LRIHRDGIYM VHIQVTLAIC SSTITASRHHP TTLAVGICSP ASRSISLLRL SFHQGCTIAS QRLTPLARGD TLCTNLGTGL LPSRNTDEF FGVQWVRPHH HHHH
Tag:	His-tag
Predicted MW:	18.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001243</a>
Locus ID:	970
UniProt ID:	<a href="#">P32970</a>
Cytogenetics:	19p13.3
Synonyms:	CD27 ligand, CD27L, CD27LG, TNFSF7



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**Summary:**

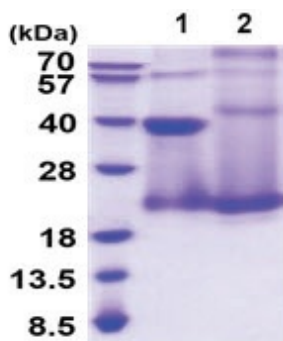
The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation 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

**Product images:**

15% SDS-PAGE (3 $\mu$ g)

Lane 1: non-reducing conditions

Lane 2: reducing conditions