

## Product datasheet for **TP700287**

### CD70 (NM\_001252) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of human CD70 molecule (CD70), with C-terminal Fc tag, expressed in human cells, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC200410, encoding the region (Gln39 – Pro193) of human CD70
Tag:	C-Fc
Predicted MW:	44 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001243</a>
Locus ID:	970
UniProt ID:	<a href="#">P32970</a> , <a href="#">A0A0U5JA32</a>
RefSeq Size:	913
Cytogenetics:	19p13.3
RefSeq ORF:	579
Synonyms:	CD27-L; CD27L; CD27LG; LPFS3; TNFSF7; TNLG8A



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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:**