

## Recombinant Human CD70 Protein, GST-Tagged

**Cat. No.** CD70-0851H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CD70 full-length ORF (AAH00725, 1 a.a. - 193 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	46.86 kDa
<b>AA Sequence</b>	MPEEGSGCSVRRRPYGCVLRAALVPLVAGLVICLVVCIQRFAQAQQQLPLESLGWD VAELQLNHTGPQQDPRLYWQGGPALGRSFLHGPEDKQGQLRIHRDGIYMVHIQVTL AICSSTTASRHHPTTLAVGICSPASRSISLLRLSFHQGCTIASQRLTPLARGDTLCTNL TGTLLPSRNTDETFFGVQWVRP
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [CD70 CD70 molecule \[ Homo sapiens \]](#)

**Official Symbol** [CD70](#)

**Synonyms**

CD70; CD70 molecule; CD27LG, TNFSF7, tumor necrosis factor (ligand) superfamily, member 7; CD70 antigen; CD27L; CD27-L; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7; CD27LG; TNFSF7;

**Gene ID** [970](#)

**mRNA Refseq** [NM\\_001252](#)

**Protein Refseq** [NP\\_001243](#)

**MIM** [602840](#)

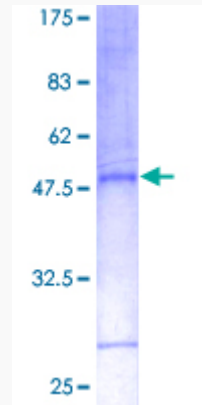
**UniProt ID** [P32970](#)

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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