

# Recombinant Human CD70 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CD70-2517H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	CD70 MS Standard C13 and N15-labeled recombinant protein (NP_001243) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<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.
<b>Molecular Mass</b>	21.1 kDa
<b>AA Sequence</b>	MPEEGSGCSVRRRPYGCVLRAALVPLVAGLVICLVVCIQRFAQAQQQLPLESLGWD VAELQLNHTGPQQDPRLYWQGGPALGRSFLHGPEDKQQLRIHRDGIYMVHIQVTL AICSSTTASRHPTTLAVGICSPASRSISLLRSLFHQGCTIASQRLTPLARGDTLCTNL TGTLLPSRNTDETFFGVQWVRPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

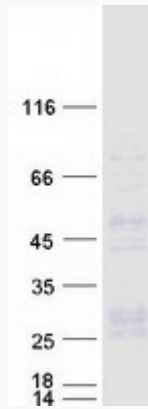
<b>Gene Name</b>	CD70 CD70 molecule [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD70
<b>Synonyms</b>	CD70; CD70 molecule; CD27LG, TNFSF7, tumor necrosis factor (ligand) superfamily, member 7; CD70 antigen; CD27L; CD27-L; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7; CD27LG; TNFSF7;
<b>Gene ID</b>	970
<b>mRNA Refseq</b>	NM_001252
<b>Protein Refseq</b>	NP_001243
<b>MIM</b>	602840
<b>UniProt ID</b>	P32970

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**SDS-PAGE**



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