

# Recombinant Human CD70 Protein, Leu50-Pro193, N-His tagged, Biotinylated

Cat. No. CD70-038H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human CD27 Ligand/CD70 Trimer-N-His protein was developed from HEK293 and has a target region of N-His.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu50-Pro193
<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>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilised
<b>Endotoxin</b>	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
<b>Notes</b>	FOR RESEARCH USE ONLY (RUO).

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<b>Storage</b>	The lyophilized protein is stable for at least 1 year from date of receipt at -20 centigrade.
<b>Storage Buffer</b>	Lyophilised from 0.2 µm filtered PBS solution pH 7.4. Upon receipt centrifuge vial to ensure maximal product extraction, recommended: 20 sec, 5K RPM
<b>Conjugation</b>	Biotin

## GENE INFORMATION

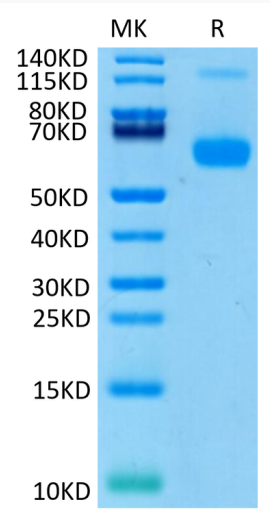
<b>Gene Name</b>	CD70 CD70 molecule [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD70
<b>Synonyms</b>	CD70; CD70 molecule; CD27LG, TNFSF7, tumor necrosis factor (ligand) superfamily, member 7; CD70 antigen; CD27L; CD27-L; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand 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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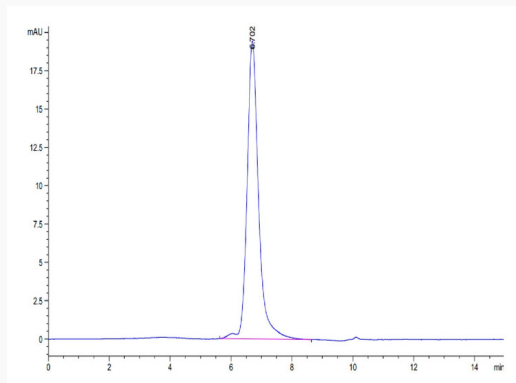
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**Biotinylated Human CD27 Ligand (Trimer) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.**



**The purity of Biotinylated Human CD27 Ligand (Trimer) is greater than 95% as determined by SEC-HPLC.**



**Immobilized Biotinylated Human CD27 Ligand (Trimer), His Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for**

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Human CD27, hFc  
Tag with the EC50 67  
ng/mL determined by  
ELISA.

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