

## Active Recombinant Human CD70 protein, hFc&Avi-tagged, Biotinylated

**Cat. No.** CD70-892H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CD70 protein(NP_001243.1)(Gln39-Pro193), fused with hFc tag and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	39-193 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Immobilized Human CD27 (His & hFc Tag) at 2 µg/mL (100 µL/well) can bind Human CD70 (ECD, hFc & AVI Tag), Biotinylated, the EC50 is 8-68ng/mL.
<b>Molecular Mass</b>	The recombinant human CD70 consists of 408 amino acids and predicts a molecular mass of 45.7 kDa.
<b>Proteinlength</b>	Gln39-Pro193
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.

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<b>Purity</b>	> 80 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	CD70 CD70 molecule [ Homo sapiens ]
<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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