

# Active Recombinant Human CD70 protein, His-Flag-tagged, FITC-Labeled

**Cat. No.** CD70-2985H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC-Labeled Recombinant Human CD70 protein(Ser 52-Pro 193), fused with His and Flag tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ser 52-Pro 193
<b>Form</b>	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Anti-CD27 Ligand Antibody, Human IgG1 at 1 μg/mL (100 μL/well) can bind FITC-Labeled Human CD27 Ligand, His,Flag Tag with a linear range of 0.039-0.156 μg/mL.Immobilized Human CD27, Fc Tag at 5 μg/mL (100 μL/well) can bind FITC-Labeled Human CD27 Ligand, His,Flag Tag with a linear range of 0.039-0.156 μg/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the N-terminus, followed by a flag tag.The protein has a calculated MW of 49.3 kDa. The protein migrates as 50-55 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per μg by the LAL method.

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<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<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>	FITC

## 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

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UniProt ID

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