

## Recombinant Human CD70 protein, His-Flag-tagged

Cat. No. CD70-089H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD70 Protein is expressed from mammalian with His and Flag at the N-terminal. It contains Gln50-Pro193 Trimer.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	It contains Gln50-Pro193 Trimer.
<b>Description</b>	CD70, also named CD27 ligand (CD27L), is a type II transmembrane glycoprotein belonging to the TNF superfamily (TNFSF) and has been designated TNFSF7. CD70 is a cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells.
<b>Form</b>	Supplied as 0.22um filtered solution in PBS (pH 7.4).
<b>Molecular Mass</b>	The protein has a calculated MW of 51.8kDa. As a result of glycosylation, the protein migrates to 62- 65kDa by Bis-Tris PAGE.
<b>Endotoxin</b>	Less than 0.001EU per ug by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
<b>Storage</b>	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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**Reconstitution** 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.

## GENE INFORMATION

**Gene Name** CD70 CD70 molecule [ Homo sapiens ]

**Official Symbol** CD70

**Synonyms** CD70 molecule; CD70; TNFSF7; TNFSF7CD70 antigen; CD27 Ligand; CD27-L; CD27LCD27 ligand; CD27LG; Ki-24 antigen; surface antigen CD70; tumor necrosis factor (ligand) superfamily, member 7; Tumor necrosis factor ligand superfamily member 7

**Gene ID** 970

**mRNA Refseq** NM\_001252

**Protein Refseq** NP\_001243

**MIM** 602840

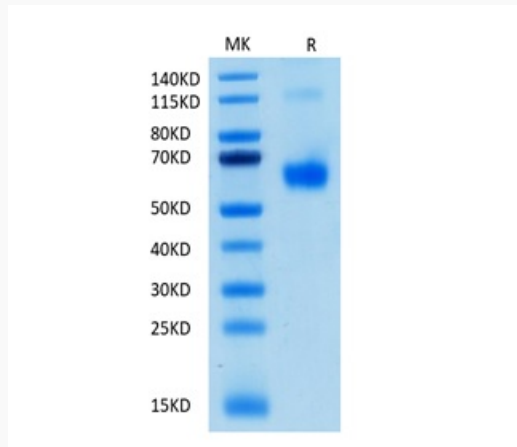
**UniProt ID** P32970

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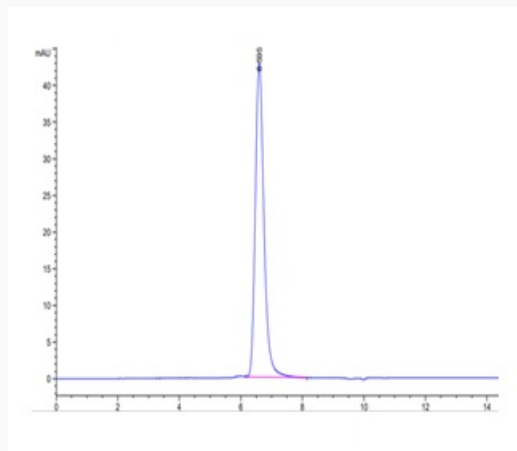
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**Tris-Bis PAGE**



**HPLC data**



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