

## Active Recombinant Human CD70, hFc-tagged

**Cat. No.** CD70-073H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD70(Ser52-Pro193), fused with hFc tag, was expressed in HEK293.                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Ser52-Pro193                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.                                                                                                                                                        |
| <b>Bio-activity</b>     | When Recombinant Human CD70/ hFC Protein is immobilized at 5µg/mL (100 µL/well), the concentration of Anti-Human CD70 (Cusatuzumab) that produces 50% of the optimal binding response is approximately 20 ng/mL. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 73kDa. The non-reducing (N-R) heterodimer protein migrates as 140-160 kDa due to glycosylation                                                                                |
| <b>Endotoxin</b>        | <1EU/mg                                                                                                                                                                                                          |
| <b>Purity</b>           | SDS-PAGE>95%SEC>90%                                                                                                                                                                                              |
| <b>Storage</b>          | Store at -20°C.                                                                                                                                                                                                  |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                         |

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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; 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;

**Gene ID** [970](#)

**mRNA Refseq** [NM\\_001252](#)

**Protein Refseq** [NP\\_001243](#)

**MIM** [602840](#)

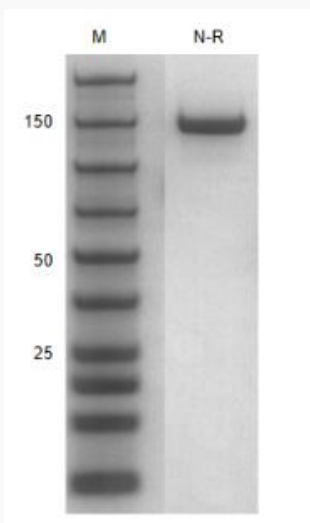
**UniProt ID** [P32970](#)

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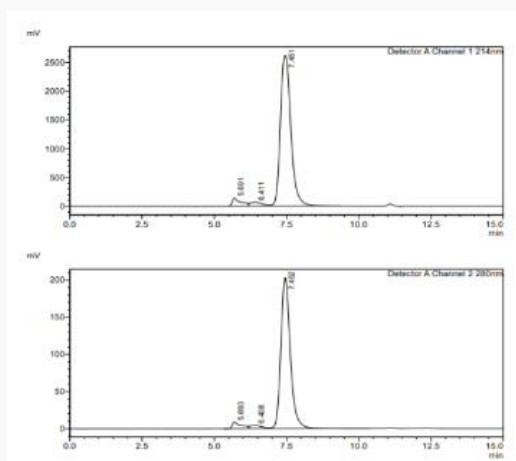
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## SDS-PAGE



## SDS-HPLC

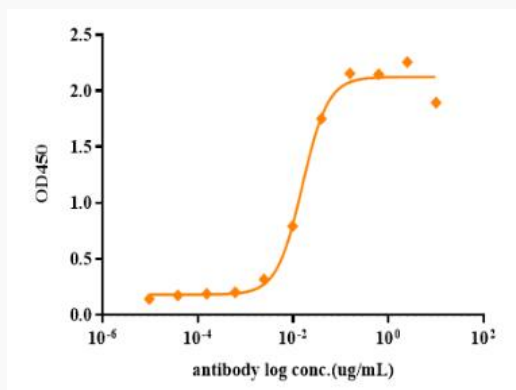


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## ELISA



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