

Recombinant Human CD70 protein, His-tagged, Biotinylated(Primary Amine Labeling)

Cat. No. CD70-5764H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Biotinylated Recombinant Human CD70 protein(P32970-1)(Leu50-Pro193)(Primary Amine Labeling), fused with N-terminal His tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Leu50-Pro193 |
| Tag | N-His |
| Conjugation/Label | Biotin; Primary Amine |
| Form | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization. |
| Bio-activity | Immobilized Human CD27, hFc Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human CD27 Ligand (Trimer) , His Tag with the EC50 of 9.2ng/ml determined by ELISA. |
| Molecular Mass | The protein has a predicted MW of 51.8 kDa. Due to glycosylation, the protein migrates to 62-70 kDa based on Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |

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|-----------------------|---|
| Purity | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC |
| Storage | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |
| Reconstitution | Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| Conjugation | Biotin |

GENE INFORMATION

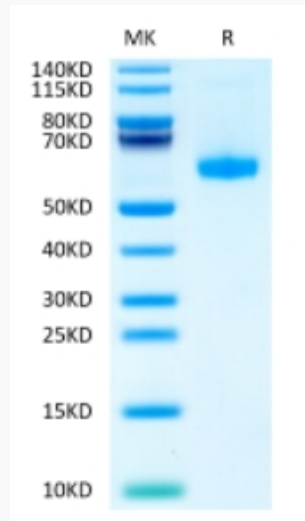
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|------------------------|--|
| Gene Name | CD70 CD70 molecule [Homo sapiens] |
| Official Symbol | CD70 |
| Synonyms | CD70; CD70 molecule; CD27LG, TNFSF7, tumor necrosis factor (ligand) superfamily, member 7; CD70 antigen; CD27L; CD27-L; CD27 ligand; 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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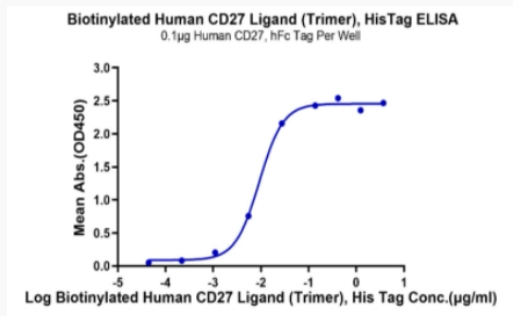
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Tris-Bis PAGE



ELISA Data



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