

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

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

SPECIFICATION

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

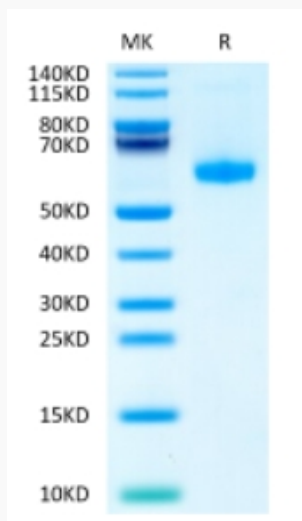
Gene Name	CD70 CD70 molecule [Homo sapiens]
Official Symbol	CD70
Synonyms	CD70; CD70 molecule; CD27LG, TNFSF7, tumor necrosis factor (ligand) superfamily, member 7; CD70 antigen; CD27L; CD27-L; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand superfamily member 7; tumor 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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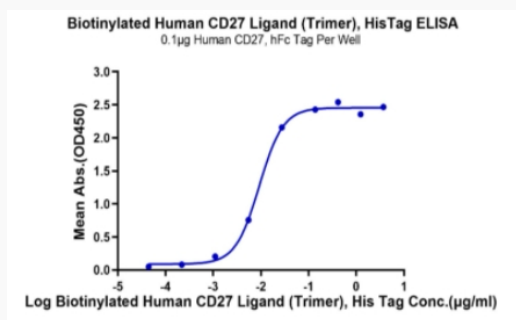
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Tris-Bis PAGE



ELISA Data



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