

Active Recombinant Human CD70 protein, hFc&Avi-tagged, Biotinylated

Cat. No. CD70-892H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD70 protein(NP_001243.1)(Gln39-Pro193), fused with hFc tag and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	39-193 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Immobilized Human CD27 (His & hFc Tag) at 2 µg/mL (100 µL/well) can bind Human CD70 (ECD, hFc & AVI Tag), Biotinylated, the EC50 is 8-68ng/mL.
Molecular Mass	The recombinant human CD70 consists of 408 amino acids and predicts a molecular mass of 45.7 kDa.
Proteinlength	Gln39-Pro193
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.

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Purity	> 80 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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.
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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