

Active Recombinant Human CD70 protein, IFc-tagged

Cat. No. CD70-328H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD70 protein(Ser 52 - Pro 193), fused with IFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser 52 - Pro 193
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human CD27 Ligand, Llama IgG2b Fc Tag at 2 µg/mL (100 µL/well) can bind Human CD27, His Tag with a linear range of 4-63 ng/mL. Immobilized Human CD27 Ligand, Llama IgG2b Fc Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human CD27, Fc,Avitag with a linear range of 0.3-20 ng/mL.
Molecular Mass	This protein carries a llama IgG2b Fc tag at the N-terminusThe protein has a calculated MW of 75.5 kDa. The protein migrates as 140-160 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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; 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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