

Active Recombinant Human CD70 protein, His-tagged, Low Endotoxin

Cat. No. CD70-196H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD70 protein(P32970-1)(Leu50-Pro193), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	50-193 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD27 Ligand Trimer, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human CD27, hFc Tag with the EC50 of 30.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 51.8 kDa. Due to glycosylation, the protein migrates to 62-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

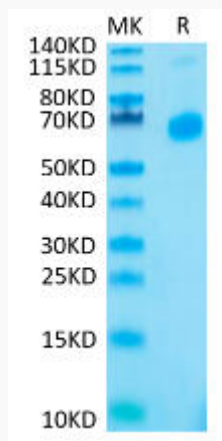
UniProt ID P32970

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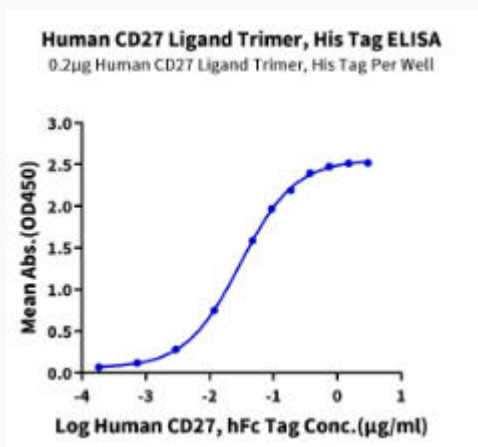
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Bis-Tris PAGE



ELISA Data



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