

## Active Recombinant Mouse CD70 protein, His-Avi-tagged, Biotinylated

Cat. No. CD70-2987M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Mouse CD70 protein(Gln 47-Pro 195), fused with His and Avi tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln 47-Pro 195
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Mouse CD27, Mouse IgG2a Fc Tag, low endotoxin at 2 µg/mL (100 µL/well) can bind Biotinylated Mouse CD27 Ligand, His,Avitag with a linear range of 0.1-3 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the N-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 20.1 kDa. The protein migrates as 28-32 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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.

**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** [Cd70 CD70 antigen \[ Mus musculus \]](#)

**Official Symbol** [CD70](#)

**Synonyms** CD70; CD70 antigen; CD27-L; CD27 ligand; Ki-24 antigen; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7; Cd27l; CD27LG; Tnfsf7;

**Gene ID** [21948](#)

**mRNA Refseq** [NM\\_011617](#)

**Protein Refseq** [NP\\_035747](#)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA