

## Active Recombinant Rat Cd70 protein, His-tagged

**Cat. No.** Cd70-8731R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Cd70 protein(NP_001100348)(Gln46-Pro195), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln46-Pro195
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	1.Measured by its binding ability in a functional ELISA.2.Immobilized rat His-CD70 at 10µg/mL (100µL/well) can bind mouse CD27-Fch, the EC50 of mouse CD27-Fch is 10-50ng/mL.
<b>Molecular Mass</b>	The recombinant rat CD70 comprises 170 amino acids and has a predicted molecular mass of 18.9 kDa. The apparent molecular mass of the protein is approximately 28 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % 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** 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.

## GENE INFORMATION

**Gene Name** Cd70 Cd70 molecule [ *Rattus norvegicus* ]

**Official Symbol** Cd70

**Synonyms** CD70; Cd70 molecule; CD70 antigen;

**Gene ID** 301132

**mRNA Refseq** NM\_001106878

**Protein Refseq** NP\_001100348

 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