

Active Recombinant Rat Cd70 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Cd70 protein(NP_001100348)(Gln46-Pro195), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Gln46-Pro195
Form	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.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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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](#)

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