

Active Recombinant Rat Cd70 protein, hFc-tagged

Cat. No. Cd70-8730R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd70 protein(D3ZGU3)(Gln46-Pro195), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	46-195 a.a.
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. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Immobilized mouse CD27-His at 10 µg/ml (100 µl/well) can bind rat Fc-CD70 with a linear range of 0.16-1.25 µg/ml.
Molecular Mass	The recombinant rat CD70 comprises 410 amino acids and predicts a molecular mass of 45 kDa. The apparent molecular mass of the recombinant protein is approximately 55 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Proteinlength	Gln46-Pro195
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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

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

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

Purity	> 95 % as determined by SDS-PAGE
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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