

Active Recombinant Rat Cd70 protein, hFc-tagged

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

SPECIFICATION

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|-------------------------|---|
| 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 |

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|-----------------------|---|
| 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

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|------------------------|---|
| Gene Name | Cd70 Cd70 molecule [<i>Rattus norvegicus</i>] |
| Official Symbol | Cd70 |
| Synonyms | CD70; Cd70 molecule; CD70 antigen; |
| Gene ID | 301132 |
| mRNA Refseq | NM_001106878 |
| Protein Refseq | NP_001100348 |

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