

# Rat CD70/CD27L/TNFSF7 (Fc Tag) recombinant protein



Catalog Number: 502714

## General Information

### Gene Name Synonym

Protein Clec1a; Similar to C-type lectin-like receptor-1 (Predicted)

### Protein Construction

A DNA sequence encoding the rat CD70 (D3ZGU3) (Gln46-Pro195) was expressed, fused with Fc region of human IgG1 at the N-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Activity

Immobilized mouse CD27-His (Cat:503737) at 10 µg/ml (100 µl/well) can bind rat Fc-CD70 with a linear range of 0.16-1.25 µg/ml.

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Glu

## 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.

## Formulation

- Lyophilized from sterile PBS, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
  2. Please contact us for any concerns or special requirements.

## Usage Guide

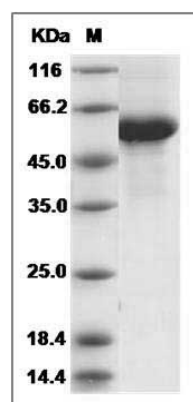
### Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Rat CD70 / CD27L / TNFSF7 Protein (Fc Tag)  
SDS-PAGE