

# Mouse CD99 (Fc Tag) recombinant protein



Catalog Number: 503431

## General Information

### Gene Name Synonym

MIC2-like protein 1

### Protein Construction

A DNA sequence encoding the mouse CD99 (NP\_612182.1) extracellular domain (Met 1-Gly 137) was fused with the Fc region of human IgG1 at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g 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

Thr 21

### Molecular Mass

The recombinant mouse CD99/Fc chimera is a

disulfide-linked homodimeric protein. The reduced monomer consists of 350 amino acids and predicts a molecular mass of 37.5 kDa. As a result of glycosylation, the apparent molecular mass of rm CD99/Fc monomer is approximately 47-55 kDa in SDS-PAGE under reducing conditions.

### 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

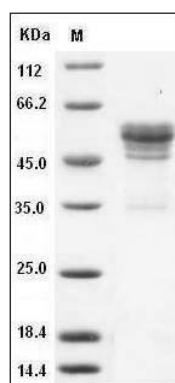
### Storage

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



Mouse CD99 / PILR1 Protein (Fc Tag) SDS-PAGE