

# Rat CD14 (Fc Tag) recombinant protein



Catalog Number: 504166

## General Information

### Gene Name Synonym

Myeloid cell-specific leucine-rich glycoprotein

### Protein Construction

A DNA sequence encoding the rat CD14 (Q63691) (Met1-Tyr341) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Purity

> 93 % 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

Ser 18

### Molecular Mass

The recombinant rat CD14/Fc is a disulfide-linked

homodimer. The reduced monomer comprises 565 amino acids and has a predicted molecular mass of 62.2 kDa. The apparent molecular mass of the protein is approximately 72 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

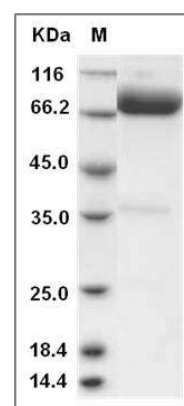
### Storage

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



Rat CD14 Protein (Fc Tag) SDS-PAGE