

# Mouse SIGIRR/TIR8 (His & Fc Tag) recombinant protein



Catalog Number: 502591

## General Information

### Protein Construction

A DNA sequence encoding the mouse SIGIRR (NP\_075546.2) (Met 1-His 117) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### 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

Met

### Molecular Mass

The recombinant mouse SIGIRR is a disulfide-linked homodimeric protein. The reduced monomer consists of 365 amino acids and has a

predicted molecular mass of 40.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmSIGIRR/Fc monomer is approximately 60-65 kDa 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

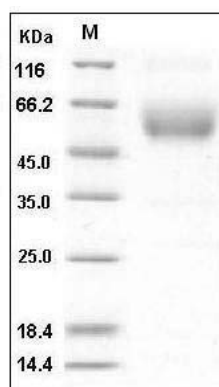
### Storage

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



Mouse SIGIRR / TIR8 Protein (His & Fc Tag) SDS-PAGE