# 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  $\mu g$  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**

Met

#### **Molecular Mass**

The recombinant mouse SIGIRR is a disulfidelinked 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**

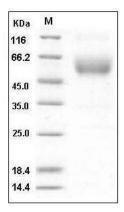
#### **Storage**

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