# Mouse IFNGR1/CD119 (His Tag) recombinant protein

Catalog Number: 502661



# **General Information**

#### **Protein Construction**

A DNA sequence encoding the mouse IFNGR1 (P15261) extracellular domain (Met 1-Asp 253) was expressed, with a polyhistidine tag at the C-terminus.

# **Organism**

Mouse

# **Expression Host**

**Human Cells** 

# **QC Testing**

## Activity

Measured by its ability to bind with recombinant mouse IFNG-Fc (Cat:503826) in a functional ELISA.

#### **Purity**

> 98 % 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

Gly 23

#### **Molecular Mass**

The recombinant mouse IFNGR1 consists of 242 amino acids and has a predicted molecular mass of 27.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmIFNGR1 is approximately 40-45 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**

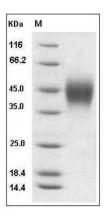
# **Storage**

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 IFNGR1 / CD119 Protein (His Tag) SDS-PAGE