# Mouse CD84 (His Tag) recombinant protein

Catalog Number: 501703



# **General Information**

## Gene Name Synonym

Leukocyte differentiation antigen CD84; Signaling lymphocytic activation molecule 5

#### **Protein Construction**

A DNA sequence encoding the mouse CD84 isoform 1 (Q18PI6-1) extracellular domain (Met 1-Val 221) 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 biotinylated recombinant human SH2D1A in a functional ELISA.

### **Purity**

> 97 % 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**

Lys 22

#### **Molecular Mass**

The recombinant mouse CD84 consists of 211 amino acids and has a predicted molecular mass of 24 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCD84 is approximately 37-42 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**

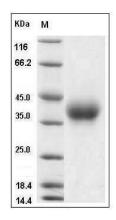
# **Storage**

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 CD84 Protein (His Tag) SDS-PAGE