

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 μ 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

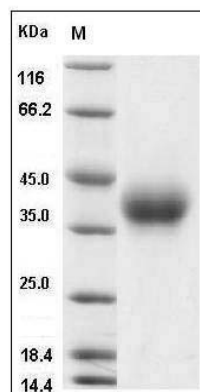
Storage

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