

Mouse CD2 (His Tag) recombinant protein



Catalog Number: 500760

General Information

Gene Name Synonym

LFA-2; LFA-3 receptor; Lymphocyte antigen 37; T-cell surface antigen T11/Leu-5

Protein Construction

A DNA sequence encoding the extracellular domain of mouse CD2 (NP_038514.1) (Met 1-Ser 203) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 98 % 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

Arg 23

Molecular Mass

The recombinant mouse CD2 consists of 192 amino acids and has a predicted molecular mass of 22 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCD2 is approximately 35-45 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

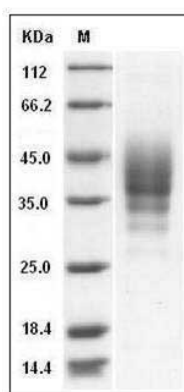
Storage

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 CD2 / LY37 Protein (His Tag) SDS-PAGE