

Mouse MD1 / MMD-1 / LY86 (His Tag) recombinant protein



Catalog Number: 502787

General Information

Gene Name Synonym

Protein MD-1

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Ser 162) of mouse LY86 (NP_034875.1) precursor was expressed with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 92 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg 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

Asp 20

Molecular Mass

The secreted recombinant mouse LY86 consists of 166 amino acids and has a calculated molecular mass of 18 kDa. As a result of glycosylation, the apparent molecular mass of rmLY86 is approximately 24-30 kDa protein in SDS-PAGE under reducing conditions.

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

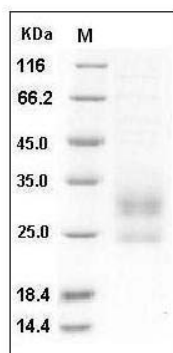
Storage

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 LY86 / MD-1 Protein (His Tag) SDS-PAGE