

Mouse CD1d (His Tag) recombinant protein



Catalog Number: 500053

General Information

Protein Construction

A DNA sequence encoding the extracellular domain of mouse CD1D (NP_031665.2) (Met 1-Gly 305) was fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 90 % 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

Gln 22

Molecular Mass

The recombinant mouse CD1D consists of 295 amino acids and has a predicted molecular mass of 33.7 kDa. In SDS-PAGE under reducing

conditions, the apparent molecular mass of rm CD1D is approximately 45-50 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

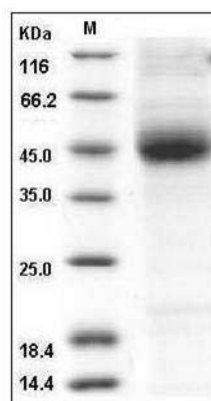
Storage

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 CD1D / R3G1 Protein (His Tag) SDS-PAGE