

Human CD1d (His Tag) recombinant protein



Catalog Number: 504193

General Information

Gene Name Synonym

R3G1

Protein Construction

A DNA sequence encoding the extracellular domain of human CD1D (NP_001757.1) (Met 1-Ser 301) was expressed, with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 88 % 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

Glu 20

Molecular Mass

The recombinant human CD1D consists of 293 amino acids and predicts a molecular mass of 33.3 kDa. As a result of glycosylation, rh CD1D migrates as an approximately 45-50 kDa band 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

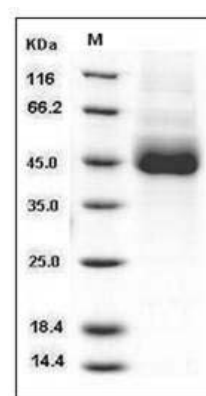
Storage

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



Human CD1D / R3G1 Protein (His Tag) SDS-PAGE