

Recombinant Mouse Cd1d1 protein, His&hFc-tagged

Cat. No. Cd1d1-3320M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd1d1 protein(NP_031665.2)(Met1-Gly305), fused with His and hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly305
Form	Lyophilized from sterile 20 mM Tris, 150 mM NaCl, 10 % glycerol, pH 8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse CD1D /Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 532 amino acids and has a predicted molecular mass of 60.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Cd1d1 CD1d1 antigen [*Mus musculus*]

Official Symbol Cd1d1

Synonyms CD1D1; CD1d1 antigen; antigen-presenting glycoprotein CD1d1; T-cell surface glycoprotein CD1d1; Cd1a; Cd1d; CD1.1; Ly-38; AI747460;

Gene ID 12479

mRNA Refseq NM_007639

Protein Refseq NP_031665

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