Recombinant Mouse Cd1d1 protein(Met1-Gly305), His-tagged

Cat. No. Cd1d1-3279M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD1D (NP_031665.2) (Met 1-Gly 305) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly305
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 90 % 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	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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