Active Recombinant Mouse Cd1d1 Protein, Fc Chimera

Cat. No. Cd1d1-591M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd1d1 (Accession # NP_031665), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	No results obtained: Gln22 predicted
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by the ability of immobilized protein to induce mouse splenocyte proliferation when loaded with alpha -galactoceramide.The ED50 for this effect is typically 0.75 - 3 μg/mL.Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Cd1d1, Fc Chimera has a calculated MW of 59.4 kDa (monomer). In SDS-PAGE migrates as 75-87 kDa & 12 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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Reconstitution	Reconstitute at 100 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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
MIM	

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