

Active Recombinant Mouse Cd209a protein, HA-tagged

Cat. No. CD209A-3052M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd209a(Val73-Lys238) fused with HA tag at N-terminal was expressed in NS0.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Val73-Lys238
Predicted N Terminal	Tyr (HA tag)
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse DC-SIGN is coated at 1 µg/mL (100 µL/well), the concentration of Recombinant Mouse ICAM-5 Fc Chimera that produces 50% optimal binding response is typically 0.8-4 µg/mL.
Molecular Mass	Predicted Molecular Mass: 20 kDa;SDS-PAGE: 21-26 kDa, reducing conditions
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.12 months from

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date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 100 µg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

GENE INFORMATION

Gene Name Cd209a CD209a antigen [*Mus musculus*]

Official Symbol Cd209a

Synonyms CD209A; CD209a antigen; CD209 antigen-like protein A; dendritic cell-specific ICAM-3-grabbing non-integrin; CIRE; CD209; CDSIGN; Dcsign; SIGNR5; DC-SIGN; SIGNR1; DC-SIGN1; MGC130443;

Gene ID 170786

mRNA Refseq NM_133238

Protein Refseq NP_573501

MIM

UniProt ID Q91ZX1

Chromosome Location 8; 8 A1.1

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Pathway

Measles, organism-specific biosystem; Measles, conserved biosystem; Phagosome, organism-specific biosystem; Phagosome, conserved biosystem; Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem;

Function

binding; mannose binding; metal ion binding; receptor activity; sugar binding;

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