

Active Recombinant Mouse Cd209b protein, Fc-tagged

Cat. No. Cd209b-3304M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd209b(Ser76-Gly325) fused with Fc region of human IgG1 at N-terminal was expressed in NS0.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ser76-Gly325
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µm filtered solution in Tris-Citrate and NaCl.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of ICAM-3 expressing CHO Chinese hamster ovary cells. When 5×10^4 cells/well are added to Recombinant Mouse SIGNR1/CD209b Fc Chimera coated plates (10 µg/mL, 100 µL/well), approximately 30-50% will adhere after 1 hour at room temperature. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Predicted Molecular Mass: 55.6 (monomer) kDa; SDS-PAGE: 60-65 kDa, reducing conditions
Endotoxin	<1.0 eu per 1 µg of the protein by the lal>
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from 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	Cd209b CD209b antigen [<i>Mus musculus</i>]
Official Symbol	Cd209b
Synonyms	CD209B; CD209b antigen; CD209 antigen-like protein B; DC-SIGNR1; DC-SIGN-related protein 1; OtB7; SIGNR1; mSIGNR1; 1810030I22Rik;
Gene ID	69165
mRNA Refseq	NM_001037800
Protein Refseq	NP_001032889
MIM	
UniProt ID	Q8CJ91
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	(1->3)-beta-D-glucan binding; binding; mannose binding; metal ion binding; polysaccharide binding; receptor activity; sugar binding;

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