

## Product datasheet for MC210863

### Cd209b (NM\_026972) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cd209b (NM_026972) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd209b
Synonyms:	1810030I22Rik; DC-SIGNR1; mSIGNR1; OtB7; SIGNR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210863 representing NM_026972 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGACTCCACAGAAGCCAAGATGCAGCCTCTTAGCTCCATGGACGATGATGAGTTGATGGTCAGCG  
GCAGCAGGTATTCTATTTAAAGCTCCAGACTACGACCAAATTCGGAATCAAGTGTGGCAGGATGCTC  
GGGACACAGCCAAGTCCCCTTGGTCTGCAGCTGCTCTCCTTCTGTTCTGGCTGGGCTCCTGCTGATC  
ATCTTTTCCAAGTCTCCAAACCCCAAATACCGAGAGGCAGAAGGAACAAGAGAAGATCCTCCAGGAAC  
TGACCCAGCTGACAGATGAGCTTACGTCCAGGATCCCCATCTCCAAGGGAAGAATGAGTCCATGCAGGC  
GAAGATCACTGAGCAACTGATGCAGCTGAAACTGAACTCTGTCCAGGATTCCTCATCTCCAGGGGCGAG  
AATGAGTCCATACAAGAGAAGATCTCTGAGCAACTGATGCAGCTGAAGGCTGAACTTCTTTCCAAGATCT  
CCAGCTTCCCGGTAAAGGATGATTCTAAGCAGGAGAAGATCTACCAACAGCTGGTACAGATGAAGACTGA  
ACTCTTCCGCCTGTGTCGACTCTGCCCCCTGGGACTGGACATTCTCCTAGGAAATGTTACTTCTTCTCC  
AAGTCCCAGCGGAAGTGAATGACGCCGTACAGCTTGCAAAGAAGTGAAGGCTCAACTAGTCATCATCA  
ATAGTGATGAAGAGCAGACCTTCTGCAGCAGACTTCTAAGGCTAAAGGACCAACCTGGATGGGCCTGTC  
AGACCTGAAGAAGGAGGCCACGTGGCTCTGGGTAGATGGTTCTACTCTGTATCCAGATTCAGAAATAT  
TGAATAGAGGGGAGCCTAACACATCGGTGAGGAAGACTGTGTGAATTGCTGGGGATGGCTGGAATG  
ACTCTAAATGTGAAGTCAAAAGTTCTGGATCTGCAAGAAGTCTGCAACCCCATGCACTGAAGGC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_026972


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<b>Insert Size:</b>	978 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_026972.5</a> , <a href="#">NP_081248.4</a>
<b>RefSeq Size:</b>	2068 bp
<b>RefSeq ORF:</b>	978 bp
<b>Locus ID:</b>	69165
<b>UniProt ID:</b>	<a href="#">Q8CJ91</a>
<b>Cytogenetics:</b>	8 A1.1
<b>Gene Summary:</b>	<p>Probable pathogen-recognition receptor. May mediate the endocytosis of pathogens which are subsequently degraded in lysosomal compartments. May recognize in a calcium-dependent manner high mannose N-linked oligosaccharides in a variety of pathogen antigens. Is a receptor for ICAM3, probably by binding to mannose-like carbohydrates. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>