

Product datasheet for **MC210864**

Cd209b (NM_001037800) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd209b (NM_001037800) 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: >MC210864 representing NM_001037800
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGTGACTCCACAGAAGCCAAGATGCAGCCTTTAGCTCCATGGACGATGATGAGTTGATGGTCAGCG
GCAGCAGGTATTCTATTAAGCTCCAGACTACGACCAAATTCGGAATCAAGTGTGGCAGTCTCCAA
AACCCCAAATACCGAGAGGCAGAAGGAACAAGAGAAGATCCTCCAGGAAGTACCCAGCTGACAGATGAG
CTTACGTCAGGATCCCCATCTCCCAAGGAAGAATGAGTCCATGCAGGGCAGAACTCACTGAGCAACTGA
TGCAGCTGAAAAGTGAAGTCTTGTCCAGGATCCCATCTCCAGGGCAGAACTGAGTCCATACAAGAGAA
GATCTCTGAGCAACTGATGCAGCTGAAGGCTGAAGTCTTTCCAAGATCTCCAGCTTCCCGTAAAGGAT
GATTCTAAGCAGGAGAAGATCTACCAACAGCTGGTACAGATGAAGACTGAAGTCTTCCGCTGTGTGAC
TCTGCCCTGGGACTGGACATTCCTCTAGGAAATGTTACTTCTTCCAAGTCCAGCGGAACTGGAA
TGACGCCGTCACAGCTTGCAAAGAAGTGAAGGCTCAACTAGTCATCATCAATAGTGATGAAGAGCAGACC
TTCCTGCAGCAGACTTCTAAGGCTAAAGGACCAACCTGGATGGGCTGTCCAGACTGAAGAAGGAGGCCA
CGTGGCTCTGGGTAGATGGTTCTACTCTGTCATCCAGATCCAGAAATTTGGAATAGAGGGGAGCCTAA
CAACATCGGTGAGGAAGACTGTGTGCAATTTGCTGGGGATGGCTGGAATGACTCTAAATGTGAAGTCAAA
AAGTTCTGGATCTGCAAGAAGTCTGCAACCCATGCACTGAAGGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001037800
Insert Size: 888 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_001037800.3 , NP_001032889.3
RefSeq Size:	1978 bp
RefSeq ORF:	888 bp
Locus ID:	69165
UniProt ID:	Q8CJ91
Cytogenetics:	8 A1.1
Gene Summary:	<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 (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1, resulting in an isoform (b) that is shorter than isoform a.</p>