

Product datasheet for MC226991

Cd209b (NM_001287211) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd209b (NM_001287211) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cd209b
Synonyms: 1810030I22Rik; DC-SIGNR1; mSIGNR1; OtB7; SIGNR1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226991 representing NM_001287211
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTGACTCCACAGAAGCCAAGATGCAGCCTTTAGCTCCATGGACGATGATGAGTTGATGGTCAGCG
 GCAGCAGGTATTCTATTTAAAAGCTCCAGACTACGACCAAATTCGGAATCAAGTGTGGCAGTCTCCAA
 AACCCCAAATACCGAGAGGCAGAAGGAACAAGAGAAGATCCTCCAGGAAGTACCCAGCTGACAGATGAG
 CTTACGTCAGGATCCCCATCTCCCAAGGGAAGAATGAGTCCATGCAGGCGAAGATCACTGAGCAACTGA
 TGCAGCTGAAAAGTGAAGTCTTTGTCCAGGATCCCATCTTCCAGGGGCAGAATGAGTCCATACAAGAGAA
 GATCTCTGAGCAACTGATGCAGCTGAAGGCTGAAGTCTTTTCCAAGATCTCCAGCTTCCCGGTAAGGAT
 GATTCTAAGCAGGAGAAGATCTACCAACAGCTGGTACAGATGAAGACTGAAGTCTTCCGCTGTGTGCAG
 TCTGCCCTGGGACTGGACATTCCTCCTAGGAAATGTTACTTCTTCCAAGTCCAGCGGAAGTGGAA
 TGACGCCGTCACAGCTTGCAAAGAAGTGAAGGCTCAACTAGTCATCATCAATAGTGATGAAGAGCAGACC
 TTCCTGCAGCAGACTTCTAAGGCTAAAGGACCAACCTGGATGGCCTGTCAGACCTGAAGAAGGAGGCCA
 CGTGGCTCTGGGTAGATGGTTCTACTCTGTCATCCAGCAGACCCAGGCATGCCCCATCTCCAGGGAAG
 GCCCATCTACAATATGCATTCTGGAAGGAGATCCAGAAATATTGGAATAGAGGGGAGCCTAACAAACATC
 GGTGAGGAAGACTGTGTGCAATTTGCTGGGGATGGCTGGAATGACTCTAATGTGAAGTCAAAAAGTTCT
 GGATCTGCAAGAAGTCTGCAACCCCATGCACTGAAGGCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001287211
Insert Size: 951 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001287211.1 , NP_001274140.1
RefSeq Size:	2041 bp
RefSeq ORF:	951 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 (5) lacks an alternate in-frame exon in the 5' coding region, and includes an additional in-frame exon in the 3' coding region, compared to variant 1. The encoded isoform (c) is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>