

Product datasheet for MC212338

Cd209d (NM_130904) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Cd209d (NM_130904) Mouse Untagged Clone

Tag: Tag Free

Symbol: Cd209d

Synonyms: mSIGNR3; SIGN-R3; SIGNR3

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC212338 representing NM_130904
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGTGACTCCATGGAATCAAAGACACAGCAAGTGGTCATTCCAGAGGATGAAGAGTGTGGATGAGTG
 GCACCAAGTATTCTGATATCAGCTCCCGATTACAAACAAATTTGGAATCAAGAGTTTGGCAGAGTATAC
 GAAGCAGAGCCGCAACCCCTTGGTCCTGCAGCTGCTTTCCTTCTGTTCTTGGCTGGGCTTCTGCTGATC
 ATTCTGATCCTAGTGCAAAGGTCCCGAGCTCAGAGGTTCAAGACAAATCTACCAGGAGCTCATGCAAC
 TGAAGGCTGAAGTTCATGATGGCTTGTGCCAACCTGCGCCAGGGACTGGACATTCTCAATGGAAGCTG
 TTACTTCTTCTCCAAGTCCCAAAGAAATTGGCACAACTCCACCACTGCCTGCCAGGAACTGGGGGCCAA
 CTGGTCATCATAGAGACTGATGAGGAGCAGACTTTCCTGCAGCAGACTTCTAAGGCTAGAGGACCAACCT
 GGATGGGTCTCTCAGACATGCATAATGAAGCCACATGGCACTGGGTGGATGGCTCACCTCTGTCAACCCAG
 CTTTACACGCTATTGGAATAGAGGGGAGCCCAACAATGTCGGTGATGAAGATTGTGCAGAGTTCTCTGGG
 GATGGCTGGAATGATCTCAGTTGTGATAAACTACTTTCTGGATCTGTAAGAAAGTTTCAACCTCATCAT
 GCACCAACCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_130904

Insert Size: 714 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_130904.2</u> , <u>NP_570974.1</u>
RefSeq Size:	880 bp
RefSeq ORF:	714 bp
Locus ID:	170779
UniProt ID:	<u>Q91ZW8</u>
Cytogenetics:	8 A1.1
Gene Summary:	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.[UniProtKB/Swiss-Prot Function]