

Product datasheet for MC211541

Cd200r3 (NM_001128132) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd200r3 (NM_001128132) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd200r3
Synonyms:	4733401I18Rik; 4833409J19Rik; AI505817; BB106877; mCD200RLb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>>MC211541 representing NM_001128132</p> <p>Red=Cloning site Blue=ORF Green=Tags(s)</p> <p>TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC</p> <p>ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA</p>
Chromatograms:	https://cdn.origene.com/chromatograms/ja1272_c05.zip
Restriction Sites:	Sgfl-MluI
ACCN:	NM_001128132
Insert Size:	837 bp
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).


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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.

RefSeq: NM_001128132.1, NP_001121604.1

RefSeq Size: 1622 bp

RefSeq ORF: 837 bp

Locus ID: 74603

UniProt ID: Q5UKY4

Cytogenetics: 16 B4- B5

Gene Summary: According to PubMed:15187158 isoform 4 is a receptor for the CD200 cell surface glycoprotein. According to PubMed:16081818 isoform 4 is not a receptor for the CD200/OX2 cell surface glycoprotein. Isoform 1, isoform 2 and isoform 3 are involved in the recruitment or surface expression of the TYROBP receptor. Isoform 6, isoform 7 and isoform 8 are not involved in the recruitment or surface expression of the TYROBP receptor.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.