

Product datasheet for RC218649L3

OriGene Technologies, Inc.

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CD200R (CD200R1) (NM_138939) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CD200R (CD200R1) (NM 138939) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: CD200R

Synonyms: CD200R; HCRTR2; MOX2R; OX2R

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

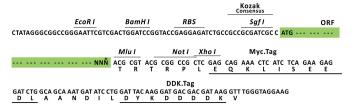
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC218649).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



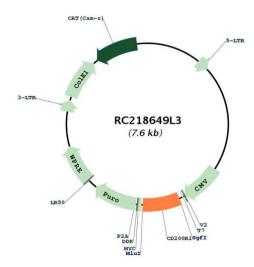


 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.





Plasmid Map:



ACCN: NM_138939

ORF Size: 564 bp

OTI Disclaimer: 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. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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.

RefSeq: <u>NM 138939.2</u>

RefSeq Size: 1025 bp RefSeq ORF: 567 bp



CD200R (CD200R1) (NM_138939) Human Tagged Lenti ORF Clone - RC218649L3

 Locus ID:
 131450

 UniProt ID:
 Q8TD46

 Cytogenetics:
 3q13.2

Protein Families: Druggable Genome, Transmembrane

MW: 21.1 kDa

Gene Summary: This gene encodes a receptor for the OX-2 membrane glycoprotein. Both the receptor and

substrate are cell surface glycoproteins containing two immunoglobulin-like domains. This receptor is restricted to the surfaces of myeloid lineage cells and the receptor-substrate interaction may function as a myeloid downregulatory signal. Mouse studies of a related gene

suggest that this interaction may control myeloid function in a tissue-specific manner.

Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul

2008]