

## Product datasheet for **RC210870L3V**

### CD200R (CD200R1) (NM\_170780) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

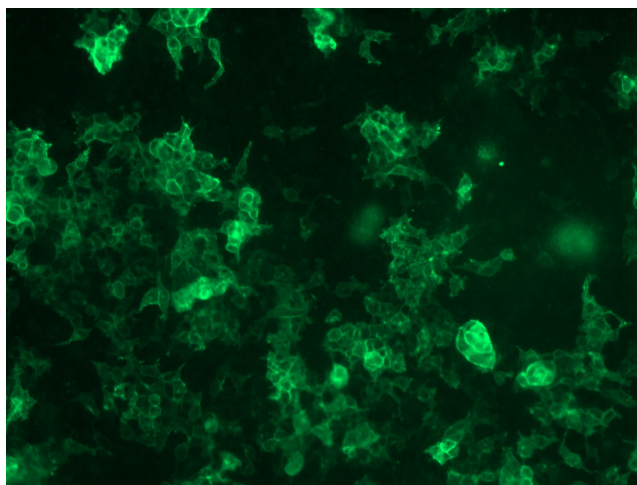
Product Type:	Lentiviral Particles
Product Name:	CD200R (CD200R1) (NM_170780) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD200R
Synonyms:	CD200R; HCRTR2; MOX2R; OX2R
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_170780
ORF Size:	975 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210870).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_170780.2</a>
RefSeq Size:	2203 bp
RefSeq ORF:	978 bp
Locus ID:	131450
UniProt ID:	<a href="#">Q8TD46</a>
Cytogenetics:	3q13.2
Protein Families:	Druggable Genome, Transmembrane
MW:	36.6 kDa



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**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]

**Product images:**

[RC210870L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC210870L3V particle to overexpress human CD200R1-Myc-DDK fusion protein.