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Product datasheet for RC201242L2V

CD20 (MS4A1) (NM_021950) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CD20 (MS4A1) (NM_021950) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD20
Synonyms:	B1; Bp35; CD20; CVID5; FMC7; LEU-16; MS4A2; S7
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_021950
ORF Size:	891 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC201242).`
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.
RefSeq:	NM_021950.3, NP_068769.2
RefSeq Size:	3331 bp
RefSeq ORF:	894 bp
Locus ID:	931
UniProt ID:	P11836
Cytogenetics:	11q12.2
Domains:	CD20
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways: Hematopoietic cell lineage

MW: 33.1 kDa

Gene Summary: This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein. [provided by RefSeq, Jul 2008]