

Product datasheet for **MR203990L4V**

Ms4a1 (NM_007641) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

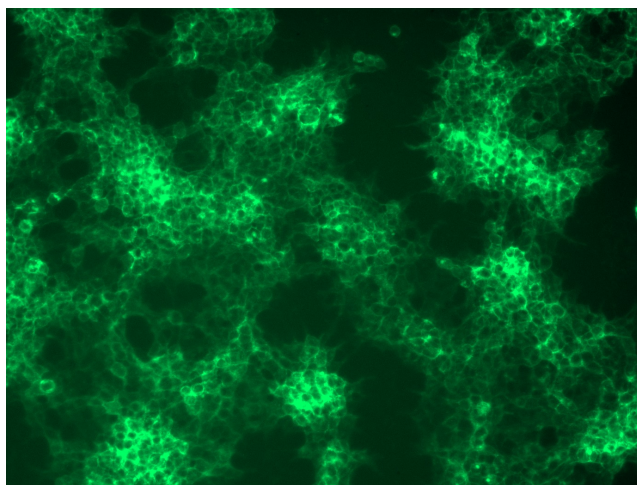
Product Type:	Lentiviral Particles
Product Name:	Ms4a1 (NM_007641) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ms4a1
Synonyms:	AA960661; Cd20; Ly-44; Ms4a2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007641
ORF Size:	876 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203990).
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_007641.3
RefSeq Size:	2057 bp
RefSeq ORF:	876 bp
Locus ID:	12482
UniProt ID:	P19437
Cytogenetics:	19 8.19 cM



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Gene Summary:

B-lymphocyte-specific membrane protein that plays a role in the regulation of cellular calcium influx necessary for the development, differentiation, and activation of B-lymphocytes. Functions as a store-operated calcium (SOC) channel component promoting calcium influx after activation by the B-cell receptor/BCR.[UniProtKB/Swiss-Prot Function]

Product images:

[MR203990L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR203990L4V particle to overexpress human Ms4a1-mGFP fusion protein.