

Product datasheet for **MR205635L4V**

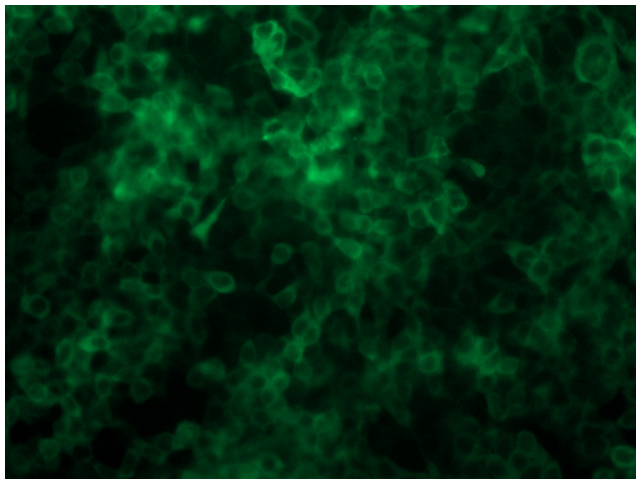
Sms (NM_009214) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sms (NM_009214) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sms
Synonyms:	AI427066; Gy; gyro; SpmST; SPMSY
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009214
ORF Size:	1101 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205635).
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_009214.3
RefSeq Size:	3377 bp
RefSeq ORF:	1101 bp
Locus ID:	20603
UniProt ID:	P97355
Cytogenetics:	X 72.48 cM
Gene Summary:	Catalyzes the production of spermine from spermidine and decarboxylated S-adenosylmethionine (dcSAM) (By similarity). Required for normal viability, growth and fertility. [UniProtKB/Swiss-Prot Function]



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Product images:

[MR205635L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR205635L4V particle to overexpress human Sms-mGFP fusion protein.