

## Product datasheet for **MR210565L4V**

### Sema3a (NM\_009152) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Sema3a (NM_009152) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sema3a
Synonyms:	coll-1; Hsema-l; SEMA1; Semad; SemD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009152
ORF Size:	2316 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210565).
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_009152.3</a>
RefSeq Size:	5946 bp
RefSeq ORF:	2319 bp
Locus ID:	20346
UniProt ID:	<a href="#">O08665</a>
Cytogenetics:	5 A1



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**Gene Summary:**

Plays a role in growth cones guidance. May function to pattern sensory projections by selectively repelling axons that normally terminate dorsally. Involved in the development of the olfactory system and in neuronal control of puberty (By similarity).[UniProtKB/Swiss-Prot Function]