

Product datasheet for **MR210592L3V**

Sema3e (NM_011348) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sema3e (NM_011348) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sema3e
Synonyms:	6430702L12; AA408817; mKIAA0331; Semah
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_011348
ORF Size:	2325 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210592).
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_011348.2 , NP_035478.2
RefSeq Size:	6877 bp
RefSeq ORF:	2328 bp
Locus ID:	20349
UniProt ID:	P70275
Cytogenetics:	5 A1



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Gene Summary:

Plays an important role in signaling via the cell surface receptor PLXND1. Mediates reorganization of the actin cytoskeleton, leading to the retraction of cell projections. Promotes focal adhesion disassembly and inhibits adhesion of endothelial cells to the extracellular matrix. Regulates angiogenesis, both during embryogenesis and after birth. Can down-regulate sprouting angiogenesis. Required for normal vascular patterning during embryogenesis. Plays an important role in ensuring the specificity of synapse formation. [UniProtKB/Swiss-Prot Function]