

Product datasheet for **RC206544L4V**

SEMA4F (NM_004263) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SEMA4F (NM_004263) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SEMA4F
Synonyms:	M-SEMA; m-Sema-M; PRO2353; S4F; SEMAM; SEMAW
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004263
ORF Size:	2310 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206544).
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_004263.2
RefSeq Size:	6122 bp
RefSeq ORF:	2313 bp
Locus ID:	10505
UniProt ID:	O95754
Cytogenetics:	2p13.1
Domains:	Sema, PSI, PSI
Protein Families:	Transmembrane



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Protein Pathways: Axon guidance

MW: 83.5 kDa

Gene Summary: This gene encodes a transmembrane class IV semaphorin family protein, which plays a role in neural development. This gene may be involved in neurogenesis in prostate cancer, the development of neurofibromas, and breast cancer tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]