

Product datasheet for **RC221685L4V**

Semaphorin 5A (SEMA5A) (NM_003966) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Semaphorin 5A (SEMA5A) (NM_003966) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Semaphorin 5A
Synonyms:	SEMAF; semF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003966
ORF Size:	3222 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221685).
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_003966.1
RefSeq Size:	11825 bp
RefSeq ORF:	3225 bp
Locus ID:	9037
UniProt ID:	Q13591
Cytogenetics:	5p15.31
Protein Families:	Transmembrane
Protein Pathways:	Axon guidance



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MW: 120.6 kDa

Gene Summary: This gene belongs to the semaphorin gene family that encodes membrane proteins containing a semaphorin domain and several thrombospondin type-1 repeats. Members of this family are involved in axonal guidance during neural development. This gene has been implicated as an autism susceptibility gene.[provided by RefSeq, Jan 2010]