

## Product datasheet for **RC218865L4V**

### SEMA6B (NM\_032108) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SEMA6B (NM_032108) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SEMA6B
Synonyms:	EPM11; SEM-SEMA-Y; SEMA-VIB; SEMAN; semaZ
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032108
ORF Size:	2664 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218865).
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_032108.3</a>
RefSeq Size:	3961 bp
RefSeq ORF:	2667 bp
Locus ID:	10501
UniProt ID:	<a href="#">Q9H3T3</a>
Cytogenetics:	19p13.3
Protein Families:	Transmembrane
Protein Pathways:	Axon guidance



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**MW:** 95.3 kDa

**Gene Summary:** This gene encodes a member of the semaphorin family, a group of proteins characterized by the presence of a conserved semaphorin (sema) domain. Whereas some semaphorins are transmembrane proteins, others are secreted. Semaphorins play a major role in axon guidance. The protein encoded by this gene may be involved in both peripheral and central nervous system development. [provided by RefSeq, Jul 2008]