

## Product datasheet for **RC217352L3V**

### SEMA6A (NM\_020796) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SEMA6A (NM_020796) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SEMA6A
Synonyms:	HT018; SEMA; SEMA6A1; SEMAQ; VIA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_020796
ORF Size:	3090 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217352).
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_020796.3</a>
RefSeq Size:	6860 bp
RefSeq ORF:	3093 bp
Locus ID:	57556
UniProt ID:	<a href="#">Q9H2E6</a>
Cytogenetics:	5q23.1
Domains:	Sema
Protein Families:	Transmembrane



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**Protein Pathways:** Axon guidance

**MW:** 114.8 kDa

**Gene Summary:** The transmembrane semaphorin SEMA6A is expressed in developing neural tissue and is required for proper development of the thalamocortical projection (Leighton et al., 2001 [PubMed 11242070]).[supplied by OMIM, Feb 2011]