Product datasheet for MR226572L3V

Sema4c (NM_001126047) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sema4c (NM_001126047) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sema4c
Synonyms:	AI426163; M-Sema F; Se; Sem; Sema; Semacl1; Semaf; Semai; sema I
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001126047
ORF Size:	2502 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226572).
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_001126047.1, NP_001119519.1
RefSeq Size:	3805 bp
RefSeq ORF:	2505 bp
Locus ID:	20353
UniProt ID:	Q64151
Cytogenetics:	1 B

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Gene Summary: This gene encodes a member of the semaphorin family of proteins that have diverse functions in neuronal development, heart morphogenesis, vascular growth, tumor progression and immune cell regulation. Lack of the encoded protein in some mice causes exencephaly resulting in neonatal lethality. Mice that bypass exencephaly show no obvious behavioral defects but display distinct pigmentation defects. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2015]