

Product datasheet for **MR221960L4V**

Sema6b (NM_001130456) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sema6b (NM_001130456) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sema6b
Synonyms:	Sema; Seman; semaZ; Vlb
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001130456
ORF Size:	2661 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221960).
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_001130456.1 , NP_001123928.1
RefSeq Size:	3736 bp
RefSeq ORF:	2661 bp
Locus ID:	20359
UniProt ID:	O54951
Cytogenetics:	17 D



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Gene Summary:

Functions as a cell surface repellent for mossy fibers of developing neurons in the hippocampus where it plays a role in axon guidance (PubMed:20484647). May function through the PLXNA4 receptor expressed by mossy cell axons (PubMed:20484647). [UniProtKB/Swiss-Prot Function]