

Product datasheet for **MR223211L4V**

S1pr2 (NM_010333) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	S1pr2 (NM_010333) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	S1pr2
Synonyms:	1100001A16Rik; Edg5; Gpcr13; H218; LPb2; S1P2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010333
ORF Size:	1056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223211).
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_010333.4 , NP_034463.2
RefSeq Size:	2815 bp
RefSeq ORF:	1059 bp
Locus ID:	14739
UniProt ID:	P52592
Cytogenetics:	9 7.68 cM


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Gene Summary:

Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P) (By similarity). S1P is a bioactive lysophospholipid that elicits diverse physiological effects on most types of cells and tissues (By similarity). Receptor for the chemokine-like protein FAM19A5 (By similarity). Mediates the inhibitory effect of FAM19A5 on vascular smooth muscle cell proliferation and migration (By similarity).[UniProtKB/Swiss-Prot Function]