

Product datasheet for **MR209379L4V**

Srrm4 (NM_026886) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Srrm4
Synonyms:	I500001A10Rik; B230202K19Rik; bv; mKIAA1853; nSR100
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026886
ORF Size:	1824 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR209379).

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_026886.3 , NP_081162.1
RefSeq Size:	7476 bp
RefSeq ORF:	1827 bp
Locus ID:	68955
UniProt ID:	Q8BKA3
Cytogenetics:	5 F



Gene Summary:

Splicing factor specifically required for neural cell differentiation. Acts in conjunction with nPTB/PTBP2 by binding directly to its regulated target transcripts and promotes neural-specific exon inclusion in many genes that function in neural cell differentiation. Required to promote the inclusion of neural-specific exon 10 in nPTB/PTBP2, leading to increased expression of neural-specific nPTB/PTBP2. Also promotes the inclusion of exon 16 in DAAM1 in neuron extracts (PubMed:19737518). Promotes alternative splicing of REST transcripts to produce REST isoform 2 (REST4) with greatly reduced repressive activity, thereby activating expression of REST targets in neural cells (PubMed:21884984). Plays an important role during embryonic development as well as in the proper functioning of the adult nervous system. Regulates alternative splicing events in genes with important neuronal functions (PubMed:25838543).[UniProtKB/Swiss-Prot Function]