

Product datasheet for **MR209003L4V**

Dpysl2 (NM_009955) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dpysl2 (NM_009955) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dpysl2
Synonyms:	AI851130; Crmp2; DRP2; Musunc33; TOAD-64; Ulip2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009955
ORF Size:	1716 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209003).
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_009955.3
RefSeq Size:	4451 bp
RefSeq ORF:	1719 bp
Locus ID:	12934
UniProt ID:	O08553
Cytogenetics:	14 34.6 cM



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Gene Summary:

Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis. [UniProtKB/Swiss-Prot Function]