

Product datasheet for **MR209319L4V**

Dcp1a (NM_133761) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dcp1a (NM_133761) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dcp1a
Synonyms:	1110066A22Rik; 4930568L04Rik; AU019772; D14Ertd817e; Mitc1; SMIF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_133761
ORF Size:	1806 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209319).
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_133761.3 , NP_598522.3
RefSeq Size:	5616 bp
RefSeq ORF:	1809 bp
Locus ID:	75901
UniProt ID:	Q91YD3
Cytogenetics:	14 18.75 cM



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Gene Summary:

Necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'-phosphorylated mRNA fragment and 7m-GDP. Contributes to the transactivation of target genes after stimulation by TGFB1 (By similarity).[UniProtKB/Swiss-Prot Function]