

Product datasheet for **MR207365L4V**

Cds1 (NM_173370) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cds1 (NM_173370) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cds1
Synonyms:	4833409J18Rik; AI314024; AW125888
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173370
ORF Size:	1383 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207365).
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_173370.3 , NP_775546.2
RefSeq Size:	3939 bp
RefSeq ORF:	1386 bp
Locus ID:	74596
UniProt ID:	P98191
Cytogenetics:	5 E4



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Gene Summary:

Provides CDP-diacylglycerol, an important precursor for the synthesis of phosphatidylinositol (PtdIns), phosphatidylglycerol, and cardiolipin. Overexpression may amplify cellular signaling responses from cytokines. May also play an important role in the signal transduction mechanism of retina and neural cells (By similarity).[UniProtKB/Swiss-Prot Function]