

Product datasheet for **MR222396L4V**

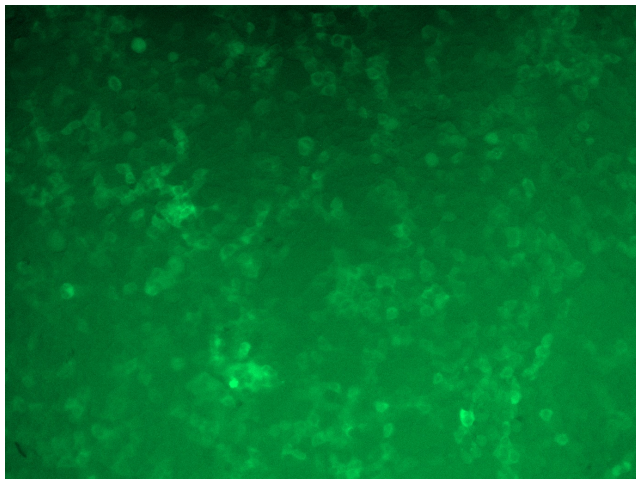
Gmps (NM_001033300) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gmps (NM_001033300) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gmps
Synonyms:	670032; AA591640; AI047208; Gm9479
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001033300
ORF Size:	2079 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222396).
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_001033300.2 , NP_001028472.2
RefSeq Size:	4567 bp
RefSeq ORF:	2082 bp
Locus ID:	229363
UniProt ID:	Q3THK7
Cytogenetics:	3 E1
Gene Summary:	Involved in the de novo synthesis of guanine nucleotides which are not only essential for DNA and RNA synthesis, but also provide GTP, which is involved in a number of cellular processes important for cell division.[UniProtKB/Swiss-Prot Function]



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Product images:

[MR222396L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR222396L4V particle to overexpress human Gmps-mGFP fusion protein.