

## Product datasheet for **MR211167L2V**

### **Mgea5 (NM\_023799) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Mgea5 (NM_023799) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mgea5
Synonyms:	2810009A20Rik; 4833427O07Rik; 5830447M11Rik; AA408215; Hy5; mKIAA0679; Ncoat; OGA
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_023799
ORF Size:	2751 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211167).
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. <a href="#">More info</a>
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:	<a href="#">NM_023799.3</a>
RefSeq Size:	4797 bp
RefSeq ORF:	2751 bp
Locus ID:	76055
UniProt ID:	<a href="#">Q9EQQ9</a>
Cytogenetics:	19 38.75 cM



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**Gene Summary:**

Cleaves GlcNAc but not GalNAc from O-glycosylated proteins. Can use p-nitrophenyl-beta-GlcNAc and 4-methylumbelliferone-GlcNAc as substrates but not p-nitrophenyl-beta-GalNAc or p-nitrophenyl-alpha-GlcNAc (in vitro) (PubMed:16517082). Does not bind acetyl-CoA and does not have histone acetyltransferase activity.[UniProtKB/Swiss-Prot Function]