

## Product datasheet for **MR203345L4V**

### Emc10 (NM\_197991) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Emc10 (NM_197991) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Emc10
Synonyms:	2310044H10Rik; 5430410O10Rik; Inm02; Mirta22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_197991
ORF Size:	777 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203345).
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_197991.1</a> , <a href="#">NP_932108.1</a>
RefSeq Size:	1855 bp
RefSeq ORF:	807 bp
Locus ID:	69683
UniProt ID:	<a href="#">Q3TAS6</a>
Cytogenetics:	7 B3
Gene Summary:	Promotes angiogenesis and tissue repair in the heart after myocardial infarction. Stimulates cardiac endothelial cell migration and outgrowth via the activation of p38 MAPK, PAK and MAPK2 signaling pathways.[UniProtKB/Swiss-Prot Function]



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