

Product datasheet for **MR206959L4V**

Gcm1 (NM_008103) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gcm1 (NM_008103) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gcm1
Synonyms:	Gcm-rs2; Gcm1-rs1; GCMa; glide
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008103
ORF Size:	1311 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206959).
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_008103.3 , NP_032129.2
RefSeq Size:	2034 bp
RefSeq ORF:	1311 bp
Locus ID:	14531
UniProt ID:	P70348
Cytogenetics:	9 43.49 cM



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Gene Summary:

Transcription factor that is necessary for placental development (PubMed:8962155). Involved in the control of expression of placental growth factor (PGF) and other placenta-specific genes. Binds to the trophoblast-specific element 2 (TSE2) of the aromatase gene enhancer. Binds to the SYDE1 promoter. Has a central role in mediating the differentiation of trophoblast cells along both the villous and extravillous pathways in placental development (By similarity).[UniProtKB/Swiss-Prot Function]