

## Product datasheet for **MR227398L4V**

### Gsc (NM\_010351) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gsc (NM_010351) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gsc
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010351
ORF Size:	768 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227398).
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_010351.1</a> , <a href="#">NP_034481.1</a>
RefSeq Size:	1183 bp
RefSeq ORF:	771 bp
Locus ID:	14836
UniProt ID:	<a href="#">Q02591</a>
Cytogenetics:	12 54.32 cM



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**Gene Summary:**

Regulates chordin (CHRD). May play a role in spatial programming within discrete embryonic fields or lineage compartments during organogenesis (By similarity). In concert with NKX3-2, plays a role in defining the structural components of the middle ear; required for the development of the entire tympanic ring. Goosecoid-expressing regions of the gastrulating mouse egg cylinder have organizer-like activity when transplanted into Xenopus embryos. Probably involved in the regulatory networks that define neural crest cell fate specification and determine mesoderm cell lineages in mammals (By similarity).[UniProtKB/Swiss-Prot Function]