

Product datasheet for **MR218351L4V**

Nanos1 (NM_178421) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nanos1 (NM_178421) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nanos1
Synonyms:	NOS-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178421
ORF Size:	804 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218351).
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_178421.3 , NP_848508.2
RefSeq Size:	3945 bp
RefSeq ORF:	804 bp
Locus ID:	332397
UniProt ID:	Q80WY3
Cytogenetics:	19 D3



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Gene Summary:

This gene encodes a CCHC-type zinc finger protein that is a member of the nanos family. This protein co-localizes with the RNA-binding protein pumilio RNA-binding family member 2 and may be involved in regulating translation as a post-transcriptional repressor. Mutations in a similar protein in human are associated with spermatogenic impairment. [provided by RefSeq, Sep 2015]