

Product datasheet for **RC219123L2V**

NANOS1 (NM_199461) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NANOS1 (NM_199461) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NANOS1
Synonyms:	EC_Rep1a; NOS-1; NOS1; SPGF12; ZC2HC12A
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_199461
ORF Size:	876 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219123).
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_199461.2
RefSeq Size:	4627 bp
RefSeq ORF:	879 bp
Locus ID:	340719
UniProt ID:	Q8WY41
Cytogenetics:	10q26.11
MW:	30 kDa



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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 this gene are associated with spermatogenic impairment. [provided by RefSeq, Sep 2015]