

## Product datasheet for **MR203137L4V**

### Nanos1 (BC056473) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Nanos1 (BC056473) Mouse Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Nanos1   |
| Synonyms:                 | nanos1   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | BC056473   |
| ORF Size:                 | 744 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR203137).   |
| 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="#">BC056473</a> , <a href="#">AAH56473</a>  |
| RefSeq Size:              | 3632 bp  |
| RefSeq ORF:               | 746 bp   |
| Locus ID:                 | 332397   |
| 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]