

## Product datasheet for **MR226904L3V**

### Gata1 (NM\_008089) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Gata1 (NM_008089) Mouse Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Gata1  |
| Synonyms:                 | eryf1; Gata-1; Gf-1  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_008089  |
| ORF Size:                 | 1242 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR226904).   |
| 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_008089.1</a> , <a href="#">NP_032115.1</a>  |
| RefSeq Size:              | 1902 bp  |
| RefSeq ORF:               | 1242 bp  |
| Locus ID:                 | 14460  |
| UniProt ID:               | <a href="#">P17679</a>   |
| Cytogenetics:             | X 3.59 cM  |



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**Gene Summary:**

Transcriptional activator or repressor which probably serves as a general switch factor for erythroid development. It binds to DNA sites with the consensus sequence 5'-[AT]GATA[AG]-3' within regulatory regions of globin genes and of other genes expressed in erythroid cells. Activates the transcription of genes involved in erythroid differentiation of K562 erythroleukemia cells, including HBB, HBG1/2, ALAS2 and HMBS (By similarity). [UniProtKB/Swiss-Prot Function]