

## Product datasheet for **RC227363L2V**

### **GATA2 (NM\_001145661) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | GATA2 (NM_001145661) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                                    |
| Symbol:                   | GATA2                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms:                 | DCML; IMD21; MONOMAC; NFE1B                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Mammalian Cell Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Vector:                   | pLenti-C-mGFP (PS100071)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tag:                      | mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACCN:                     | NM_001145661                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ORF Size:                 | 1440 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC227363).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_001145661.1</a> , <a href="#">NP_001139133.1</a>                                                                                                                                                                                                                                                                                                                                                                                    |
| RefSeq Size:              | 3484 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:               | 1443 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 2624                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt ID:               | <a href="#">P23769</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 3q21.3                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Families:         | Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors                                                                                                                                                                                                                                                                                                                                                             |
| MW:                       | 50.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                           |



[View online »](#)

**Gene Summary:**

This gene encodes a member of the GATA family of zinc-finger transcription factors that are named for the consensus nucleotide sequence they bind in the promoter regions of target genes. The encoded protein plays an essential role in regulating transcription of genes involved in the development and proliferation of hematopoietic and endocrine cell lineages. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Mar 2009]