

## Product datasheet for **RC224854L2V**

### **GATA1 (NM\_002049) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | GATA1 (NM_002049) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | GATA1  |
| Synonyms:                 | ERYF1; GATA-1; GF-1; GF1; NF-E1; NFE1; XLANP; XLTDA; XLTT  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_002049  |
| ORF Size:                 | 1239 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC224854).   |
| 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_002049.2</a>  |
| RefSeq Size:              | 1501 bp  |
| RefSeq ORF:               | 1242 bp  |
| Locus ID:                 | 2623   |
| UniProt ID:               | <a href="#">P15976</a>   |
| Cytogenetics:             | Xp11.23  |
| Domains:                  | GATA   |
| Protein Families:         | Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors   |


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**MW:** 43.2 kDa

**Gene Summary:** This gene encodes a protein which belongs to the GATA family of transcription factors. The protein plays an important role in erythroid development by regulating the switch of fetal hemoglobin to adult hemoglobin. Mutations in this gene have been associated with X-linked dyserythropoietic anemia and thrombocytopenia. [provided by RefSeq, Jul 2008]