

## Product datasheet for **RC225309L4V**

### Myeloid leukemia factor 1 (MLF1) (NM\_001130157) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Myeloid leukemia factor 1 (MLF1) (NM_001130157) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Myeloid leukemia factor 1  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001130157   |
| ORF Size:                 | 807 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC225309).   |
| 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_001130157.2</a> , <a href="#">NP_001123629.1</a>  |
| RefSeq Size:              | 2336 bp  |
| RefSeq ORF:               | 732 bp   |
| Locus ID:                 | 4291   |
| UniProt ID:               | <a href="#">P58340</a>   |
| Cytogenetics:             | 3q25.32  |
| Protein Families:         | Druggable Genome   |
| MW:                       | 30.6 kDa   |



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**Gene Summary:**

This gene encodes an oncoprotein which is thought to play a role in the phenotypic determination of hemopoetic cells. Translocations between this gene and nucleophosmin have been associated with myelodysplastic syndrome and acute myeloid leukemia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2010]