

## Product datasheet for **MR205129L4V**

### Klf17 (NM\_029416) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Klf17 (NM_029416) Mouse Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Klf17  |
| Synonyms:                 | 7420700M05Rik; AA420409; AU043468; C85123; D4Ertd561e; Gzf; Zfp393   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_029416  |
| ORF Size:                 | 1026 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR205129).   |
| 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_029416.2</a> , <a href="#">NP_083692.2</a>  |
| RefSeq Size:              | 3595 bp  |
| RefSeq ORF:               | 1026 bp  |
| Locus ID:                 | 75753  |
| UniProt ID:               | <a href="#">Q8CFA7</a>   |
| Cytogenetics:             | 4 53.46 cM   |



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**Gene Summary:**

Transcription repressor that binds to the promoter of target genes and prevents their expression. Acts as a negative regulator of epithelial-mesenchymal transition and metastasis in breast cancer. Specifically binds the 5'-CACCC-3' sequence in the promoter of ID1, a key metastasis regulator in breast cancer, and repress its expression. May be a germ cell-specific transcription factor that plays important roles in spermatid differentiation and oocyte development.[UniProtKB/Swiss-Prot Function]