

## Product datasheet for **MR217640L4V**

### **Nrep (NM\_053078) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Nrep (NM_053078) Mouse Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Nrep   |
| Synonyms:                 | AI325076; D0H4S114; Harp; P311; PTZ17; SEZ17   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_053078  |
| ORF Size:                 | 204 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR217640).   |
| 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_053078.4</a> , <a href="#">NP_444308.1</a>  |
| RefSeq Size:              | 2223 bp  |
| RefSeq ORF:               | 207 bp   |
| Locus ID:                 | 27528  |
| UniProt ID:               | <a href="#">Q07475</a>   |
| Cytogenetics:             | 18 B1  |



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**Gene Summary:**

May have roles in cellular differentiation. Ectopic expression induces differentiation of fibroblast into myofibroblast and myofibroblast ameoboid migration. Increases retinoic-acid regulation of lipid-droplet biogenesis. May also have neural functions. Promotes axonal regeneration and augments motility of gliomas. Down-regulates the expression of TGFB1 and TGFB2 but not of TGFB3. May play a role in the regulation of alveolar generation. [UniProtKB/Swiss-Prot Function]