

## Product datasheet for **MR223366L3V**

### **Nfil3 (NM\_017373) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | Nfil3 (NM_017373) Mouse Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                                       |
| Symbol:                   | Nfil3                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms:                 | AV225605; E4BP4                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Mammalian Cell Selection: | Puromycin                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tag:                      | Myc-DDK                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ACCN:                     | NM_017373                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ORF Size:                 | 1386 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR223366).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_017373.3</a> , <a href="#">NP_059069.1</a>                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:              | 2019 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:               | 1389 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 18030                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:               | <a href="#">O08750</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 13 27.68 cM                                                                                                                                                                                                                                                                                                                                                                                                                                        |



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**Gene Summary:**

The protein encoded by this gene is a transcriptional regulator that binds as a homodimer to activating transcription factor (ATF) sites in many cellular and viral promoters. The encoded protein represses Per1 and Per2 expression and therefore plays a role in the regulation of circadian rhythm. [provided by RefSeq, Feb 2014]