

## Product datasheet for **MR209431L4V**

### **Nr1d1 (NM\_145434) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Nr1d1 (NM_145434) Mouse Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Nr1d1  |
| Synonyms:                 | A530070C09Rik; R75201  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_145434  |
| ORF Size:                 | 1845 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR209431).   |
| 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_145434.2</a>  |
| RefSeq Size:              | 2627 bp  |
| RefSeq ORF:               | 1848 bp  |
| Locus ID:                 | 217166   |
| UniProt ID:               | <a href="#">Q3UV55</a>   |
| Cytogenetics:             | 11 D   |



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**Gene Summary:**

This gene encodes a transcription factor that is a member of the nuclear receptor subfamily 1. The encoded protein is a ligand-sensitive transcription factor that negatively regulates the expression of core clock proteins. In particular this protein represses the circadian clock transcription factor aryl hydrocarbon receptor nuclear translocator-like protein 1 (Arntl). This protein may also be involved in regulating genes that function in metabolic, inflammatory and cardiovascular processes. [provided by RefSeq, Feb 2014]