

## Product datasheet for **MR209316L2V**

### **Nr4a1 (NM\_010444) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Nr4a1 (NM_010444) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nr4a1
Synonyms:	Gfrp; GFRP1; Hbr-1; Hbr1; Hmr; N10; NGFI-B; NGFIB; NP10; nur77; TIS1; TR3
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_010444
ORF Size:	1806 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209316).
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_010444.1</a>
RefSeq Size:	2534 bp
RefSeq ORF:	1806 bp
Locus ID:	15370
UniProt ID:	<a href="#">P12813</a>
Cytogenetics:	15 F1



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**Gene Summary:**

Orphan nuclear receptor. May act concomitantly with NURR1 in regulating the expression of delayed-early genes during liver regeneration. Binds the NGFI-B response element (NBRE) 5'-AAAAGGTCA-3'. May inhibit NF-kappa-B transactivation of IL2. Participates in energy homeostasis by sequestering the kinase STK11 in the nucleus, thereby attenuating cytoplasmic AMPK activation (By similarity). Plays a role in the vascular response to injury (PubMed:22427340).[UniProtKB/Swiss-Prot Function]