

## Product datasheet for **MR209201L4V**

### Nr2c1 (NM\_011629) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Nr2c1 (NM_011629) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nr2c1
Synonyms:	80.3; 4831444H07Rik; Eenr; TR2; Tr2-11
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011629
ORF Size:	1773 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209201).
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_011629.2</a> , <a href="#">NP_035759.3</a>
RefSeq Size:	3827 bp
RefSeq ORF:	1773 bp
Locus ID:	22025
UniProt ID:	<a href="#">Q505F1</a>
Cytogenetics:	10 48.81 cM



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**Gene Summary:**

Orphan nuclear receptor. Binds the IR7 element in the promoter of its own gene in an autoregulatory negative feedback mechanism. Primarily repressor of a broad range of genes including ESR1 and RARB. Together with NR2C2, forms the core of the DRED (direct repeat erythroid-definitive) complex that represses embryonic and fetal globin transcription. Binds to hormone response elements (HREs) consisting of two 5'-AGGTCA-3' half site direct repeat consensus sequences (By similarity). Also activator of OCT4 gene expression. Plays a fundamental role in early embryogenesis and regulates embryonic stem cell proliferation and differentiation. Mediator of retinoic acid-regulated preadipocyte proliferation. [UniProtKB/Swiss-Prot Function]