

Product datasheet for **MR206711L2V**

Vdr (NM_009504) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vdr (NM_009504) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Vdr
Synonyms:	Nr1i1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_009504
ORF Size:	1269 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206711).
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. More info
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:	NM_009504.2
RefSeq Size:	4354 bp
RefSeq ORF:	1269 bp
Locus ID:	22337
UniProt ID:	P48281
Cytogenetics:	15 F1



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Gene Summary:

Nuclear receptor for calcitriol, the active form of vitamin D3 which mediates the action of this vitamin on cells (By similarity). Enters the nucleus upon vitamin D3 binding where it forms heterodimers with the retinoid X receptor/RXR (By similarity). The VDR-RXR heterodimers bind to specific response elements on DNA and activate the transcription of vitamin D3-responsive target genes (By similarity). Plays a central role in calcium homeostasis (By similarity).[UniProtKB/Swiss-Prot Function]