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Product datasheet for RC206338L4V

NR1D2 (NM_005126) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NR1D2 (NM_005126) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NR1D2
Synonyms:	BD73; EAR-1R; REVERBB; REVERBbeta; RVR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005126
ORF Size:	1737 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206338).
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_005126.2
RefSeq Size:	5268 bp
RefSeq ORF:	1740 bp
Locus ID:	9975
UniProt ID:	Q14995
Cytogenetics:	3p24.2
Domains:	HOLI, zf-C4
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

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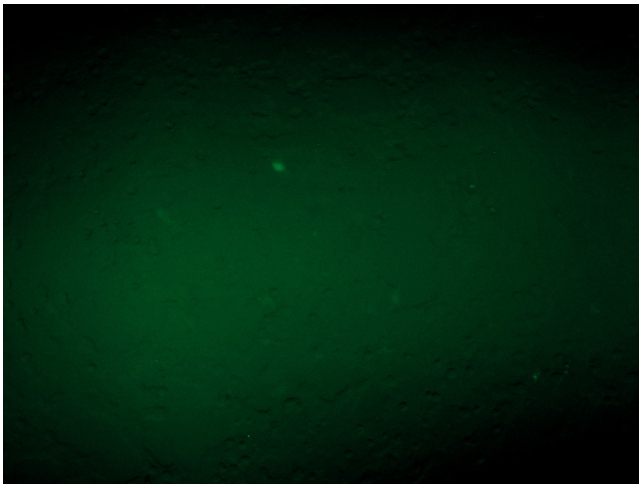
MW: 64.7 kDa

Gene Summary: This gene encodes a member of the nuclear hormone receptor family, specifically the NR1 subfamily of receptors. The encoded protein functions as a transcriptional repressor and may play a role in circadian rhythms and carbohydrate and lipid metabolism. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2009]

Product images:



[RC206338L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC206338L4V particle to overexpress human NR1D2-mGFP fusion protein.