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Product datasheet for RC214618L3V

ROR alpha (RORA) (NM_002943) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ROR alpha (RORA) (NM_002943) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ROR alpha
Synonyms:	IDDECA; NR1F1; ROR1; ROR2; ROR3; RZR-ALPHA; RZRA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002943
ORF Size:	1644 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214618).
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_002943.3, NP_002934.1
RefSeq Size:	1996 bp
RefSeq ORF:	1647 bp
Locus ID:	6095
UniProt ID:	P35398
Cytogenetics:	15q22.2
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
MW:	62.1 kDa

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Gene Summary: The protein encoded by this gene is a member of the NR1 subfamily of nuclear hormone receptors. It can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The encoded protein has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, as well as with NM23-1, the product of a tumor metastasis suppressor candidate gene. Also, it has been shown to aid in the transcriptional regulation of some genes involved in circadian rhythm. Four transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2014]