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Product datasheet for MR223328L3V

Rarg (NM_001042727) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Rarg
Synonyms:	Nr1b3; RAR-gamma; RARD; RARgamma2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001042727
ORF Size:	1341 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223328).
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_001042727.1
RefSeq Size:	2570 bp
RefSeq ORF:	1344 bp
Locus ID:	19411
UniProt ID:	P18911
Cytogenetics:	15 57.4 cM

Gene Summary: Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. In the absence of ligand, acts mainly as an activator of gene expression due to weak binding to corepressors (By similarity). Required for limb bud development. In concert with RARA or RARB, required for skeletal growth, matrix homeostasis and growth plate function. [UniProtKB/Swiss-Prot Function]