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Product datasheet for RC223576L4V

NOR1 (NR4A3) (NM_173198) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NOR1 (NR4A3) (NM_173198) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NOR1
Synonyms:	CHN; CSMF; MINOR; NOR1; TEC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173198
ORF Size:	1878 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC223576).`
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_173198.1, NP_775290.1
RefSeq Size:	6382 bp
RefSeq ORF:	1880 bp
Locus ID:	8013
Cytogenetics:	9q31.1
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
MW:	68 kDa

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Gene Summary: This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcriptional activator. The protein can efficiently bind the NGFI-B Response Element (NBRE). Three different versions of extraskeletal myxoid chondrosarcomas (EMCs) are the result of reciprocal translocations between this gene and other genes. The translocation breakpoints are associated with Nuclear Receptor Subfamily 4, Group A, Member 3 (on chromosome 9) and either Ewing Sarcome Breakpoint Region 1 (on chromosome 22), RNA Polymerase II, TATA Box-Binding Protein-Associated Factor, 68-KD (on chromosome 17), or Transcription factor 12 (on chromosome 15). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]