

Product datasheet for **SC203850**

NR1D1 (NM_021724) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NR1D1 (NM_021724) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NR1D1
Synonyms:	ear-1; EAR1; hRev; REVERBA; REVERBalpha; THRA1; THRAL
ACCN:	NM_021724
Insert Size:	320 bp
Insert Sequence:	>SC203850 3'UTR clone of NM_021724 The sequence shown below is from the reference sequence of NM_021724. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGCTGTCCTTCCGGGTGGACGCCAGTGAACCCGCCGGCCCTTCTGCCGCTGCCCCCTGTACAG AATCGAACTCTGCACCTTCTCTCCTTTACGAGACGAAAAGCAAACCAGAATCTTATTTATAT TGTATAAAATATTCCAAGATGAGCCTCTGGCCCCCTGAGCCTTCTTGTAAATACCTGCCTCCCTCCC CATCACCGAACTCCCCTCCTCCCTATTTAAACCACTCTGTCTCCCCACAACCCTCCCCTGGCCCTC TGATTTGTTCTGTTCTGTCTCAAATCCAATAGTTCACAGCTGA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_021724.5</u>



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Summary: This gene encodes a transcription factor that is a member of the nuclear receptor subfamily 1. The encoded protein is a ligand-sensitive transcription factor that negatively regulates the expression of core clock proteins. In particular this protein represses the circadian clock transcription factor aryl hydrocarbon receptor nuclear translocator-like protein 1 (ARNTL). This protein may also be involved in regulating genes that function in metabolic, inflammatory and cardiovascular processes. [provided by RefSeq, Jan 2013]

Locus ID: 9572

MW: 12.2