

Product datasheet for **SC206312**

NR2F6 (NM_005234) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NR2F6 (NM_005234) Human 3' UTR Clone
Symbol:	NR2F6
Synonyms:	EAR-2; EAR2; ERBAL2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005234
Insert Size:	499 bp
Insert Sequence:	>SC206312 3'UTR clone of NM_005234 The sequence shown below is from the reference sequence of NM_005234. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCAACTGGCCCTACGGCTCGGGCCAGTGACCATGACGGGGCCACGTGTGCTGTGGCCAGGCTGCAGA
CAGACCTCAAGGGACAGGAATGCTGAGGCCTCGAGGGGCTCCCGGGGCCAGGACTCTGGCTTCTCT
CCTCAGACTTCTATTTTTAAAGACTGTGAAATGTTGTCTTTCTGTTTTTAAATGATCATGAAACC
AAAAAGAGACTGATCATCCAGGCCTCAGCCTCATCCTCCCAGGACCCCTGTCCAGGATGGAGGGTCCA
ATCCTAGGACAGCCTTGTTCCTCAGCACCCCTAGCATGAACTTGTGGGATGGTGGGGTTGGCTTCCCTG
GCATGATGGACAAAGGCCTGGCGTCGGCCAGAGGGGCTGTCCAGTGGGCAAGGGGTAGCTAGCGTGTGC
CAGGCAGATCCTCTGGACACGTAACCTATGTCAGACACTACATGATGACTCAAGGCCAATAATAAAGAC
ATTTCTACCTGCACA
ACGCGTAAGCGGCCCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	SgfI-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).



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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:	NM_005234.4
Summary:	Transcription factor predominantly involved in transcriptional repression. Binds to promoter/enhancer response elements that contain the imperfect 5'-AGGTCA-3' direct or inverted repeats with various spacings which are also recognized by other nuclear hormone receptors. Involved in modulation of hormonal responses. Represses transcriptional activity of the lutropin-choriogonadotropic hormone receptor/LHCGR gene, the renin/REN gene and the oxytocin-neurophysin/OXT gene. Represses the triiodothyronine-dependent and -independent transcriptional activity of the thyroid hormone receptor gene in a cell type-specific manner. The corepressing function towards thyroid hormone receptor beta/THRB involves at least in part the inhibition of THRB binding to triiodothyronine response elements (TREs) by NR2F6. Inhibits NFATC transcription factor DNA binding and subsequently its transcriptional activity. Acts as transcriptional repressor of IL-17 expression in Th-17 differentiated CD4(+) T cells and may be involved in induction and/or maintenance of peripheral immunological tolerance and autoimmunity. Involved in development of forebrain circadian clock; is required early in the development of the locus coeruleus (LC). [UniProtKB/Swiss-Prot Function]
Locus ID:	2063
MW:	18