

Product datasheet for SC336028

NR2E1 (NM_001286102) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | NR2E1 (NM_001286102) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | NR2E1 |
| Synonyms: | TLL; TLX; XTLL |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC336028 representing NM_001286102. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTTCGAGCTGGGGCAGAGGGAGCAGAGAAGGAGCCCTCACCGCGCCGGAATGCAGAGCGGACCCT
GGCCCAGGACTGGGTTTCCCTTTAGGCTCGGGCCTACCCTGGCCCTCGCTGTTGGAATCTCCAGGAGGC
CGCATTTCAGATATCCCCTGCAAAGTGTGTGGCGACCGCAGCTCGGGGAAGCACTACGGGGTCTACGCC
TGGCAGCGCTGCTCAGGTTTTTCAAACGGAGCATCCGAAGGAATAGGACCTATGTCTGCAATCTGGA
AACCAGGGAGGCTGTCCGGTGGACAAGACGCACAGAAACCAGTGCAGGGCGTGTCCGGCTGAAGAAGTGT
TTGGAAGTCAACATGAACAAAGACGCCGTGCAGCAGGAGCGGGGCTCGGACGTCACCATCCGCAAG
CAAGTGGCCCTCTACTTCCGTGGACACAAGGAGGAGAACGGGGCCCGCGCACTTCCCTCGGCGGCG
CTCCCTGCGCCGGCCTTCTTACCGCGGTACGCAGCTGGAGCCGCACGGCCTGGAGCTGGCCGCGGTG
TCCACCACTCCAGAGCGGACACCCCTCGTGCAGCTGGCTCAGCCACGCCCAAGTACCCCATGAAGTG
AATGGGACCCCAATGTATCTCTATGAAGTGGCCACGGAGTCGGTGTGTGAATCAGCTGCCAGACTTCTC
TTCATGAGCATCAAGTGGGCTAAGAGTGTGCCAGCCTTCTCCACGCTGTCTTTGCAAGACCAGCTGATG
CTTTTGAAGATGCTTGGAGAGAACTGTTTGTCTAGGAATAGCAATGGGCCATTCCGGTTGATGCT
AACACTCTACTGGCTGTATCTGGCATGAACGGTGACAACACAGATTCCCAGAAGCTGAACAAGATCATA
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CGGAATGTGCCGCCATTGCAGCCCTTCAAGATGAGGCTCAGCTAACGCTCAACAGCTACATCCATACC
AGATATCCCACTCAACCCTGTGCTTTGGAAAACCTCCTGTTGCTTTTGGCAGCTTTACGTTCTATTAGC
CCATCAACTATAGAAGAAGTGTTCCTCAAAAAACCATCGGCAATGTGCCAATTACAAGACTGCTTTCA
GATATGTACAAATCCAGTGATATCTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001286102 |
| Insert Size: | 1269 bp |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP). |
| Components: | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). |
| Reconstitution Method: | <ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. |
| RefSeq: | NM_001286102.1 |
| RefSeq Size: | 2631 bp |
| RefSeq ORF: | 1269 bp |
| Locus ID: | 7101 |
| UniProt ID: | Q9Y466 |
| Cytogenetics: | 6q21 |
| Protein Families: | Druggable Genome, Nuclear Hormone Receptor, Transcription Factors |
| MW: | 46.4 kDa |
| Gene Summary: | <p>The protein encoded by this gene is an orphan receptor involved in retinal development. The encoded protein also regulates adult neural stem cell proliferation and may be involved in control of aggressive behavior. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript but encodes the longer isoform (a).</p> |