

Product datasheet for **SC115804**

NOR1 (NR4A3) (NM_006981) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NOR1 (NR4A3) (NM_006981) Human Untagged Clone
Tag:	Tag Free
Symbol:	NOR1
Synonyms:	CHN; CSMF; MINOR; NOR1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>OriGene ORF sequence for NM_006981 edited
 ATGCCCTGCGTCCAAGCCCAATATAGCCCTTCCCCTCCAGGTTCCAGTTATGCGGCGCAG
 ACATACAGCTCGGAATACACCACGGAGATCATGAACCCCGACTACACCAAGCTGACCATG
 GACCTTGGCAGCACTGAGATCACGGCTACAGCCACCACGTCCTGCCAGCATCAGTACC
 TTCGTGGAGGGCTACTCGAGCAACTACGAACTCAAGCCTTCCTGCGTGTACCAAATGCAG
 CGGCCCTTGATCAAAGTGGAGGAGGGGGCGGCCAGCTACCATCACCATCACCACCAC
 CACCACCACCACCACCATCACCAGCAGCAGCATCAGCAGCCATCCATTCTCCAGCC
 TCCAGCCCGGAGGACGAGGTGCTGCCAGCACCTCCATGTACTTCAAGCAGTCCCACCG
 TCCACCCCAACCACGCCGCCCTTCCCCCGCAGGCGGGGCGTTATGGGACGAGGCACTG
 CCCTCGGCGCCCGGCTGCATCGCACCCGGCCCGCTGCTGGACCCGCCGATGAAGGCGGT
 CCCACGGTGGCCGGCGCGCTTCCCGCTTCCACTTCAAGCCCTCGCCGCCGATCCC
 CCCGCGCCAGCCCGGCCGGCCACCACCTCGGCTACGACCCGACGGCCGCTGCCGCG
 CTACGCTGCCGCTGGGAGCCGACGCCCGCGGGCAGCCAGGCCGCCGCGCTTGAGGGC
 CACCCGTACGGGTGCCGCTGGCAAGAGGGCGGCCCGCTGGCCTTCCGCTCTCGGC
 CTCAGCCCTCCCCTACCGCTCCAGCCTGCTGGGCGAGAGTCCCAGCCTGCCGTGCCG
 CCCAGCAGGAGCTCGTCTGTCGAGGGCACGTGTGCCGTGTGCGGGGACAACGCCGCC
 TGCCAGCACTACGGCTGCGAACCTGCGAGGGTGAAGGGCTTTTTCAAGAGAAGCAGT
 CAGAAAAATGAAAAATATGTTTGCCTGGCAAATAAAACTGCCAGTAGACAAGAGACGT
 CGAAACCGATGTCAGTACTGTCGATTTTCAAGAGTGTCTCAGTGTGGAATGGTAAAGAA
 GTTGTCCGTACAGATAGTCTGAAAGGGAGGAGAGGTGCTGCTGCCCTTCAAACCAAGAGC
 CCATTACAACAGGAACCTTCTCAGCCCTTCCACCTTCTCCTCCAATCTGCATGATGAAT
 GCTCTTGTCCGAGCTTTAACAGACTCAACACCCAGAGATCTTGATTATCCAGATACTGT
 CCCACTGACCAGGCTGCTGCAGGCACAGATGCTGAGCATGTGCAACAATTTCTACAACCTC
 CTGACAGCTCCATTGATGTATCCAGAAGCTGGGCAGAAAAGATTCCGGGATTTACTGAT
 CTCCCCAAAGAAGATCAGACATTACTTATTGAATCAGCCTTTTTGGAGCTGTTTGTCTC
 AGACTTTCATCAGGTCAAACACTGCTGAAGATAAGTTTTGTCTGCAATGGACTTGT
 CTGCATCGACTTCAGTGCCTTCGTGGATTTGGGGAGTGGCTCGACTCTATTAAGACTTT
 TCCTTAAATTTGCAGAGCCTGAACCTTGATATCCAAGCCTTAGCCTGCCTGTCAGCACTG
 AGCATGATCACAGAAAGACATGGGTTAAAAGAACCAAGAGAGTCAAGAGCTATGCAAC
 AAGATCACAAGCAGTTTAAAAGACCACCAGAGTAAGGGACAGGCTCTGGAGCCCACCGAG
 TCCAAGGTCTGGGTGCCCTGGTAGAAGTGAAGGAAAGATCTGCACCCTGGGCTCCAGCGC
 ATCTTCTACCTGAAGCTGGAAGACTTGGTGTCTCCACCTCCATCATTGACAAGCTCTTC
 CTGGACACCCTACCTTTCTAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006981 unedited
 TTCAGATTTTGTAAATACGACTCACTATAGGGCGGCCGNATTTCGGCACGAGCGGCAAG
 CCCGGCCCTGAGCCTGGACCTTAGCGGTGCCGGCAGCACTGCCGGCGCTTCGCCTCG
 CCGGACGTCCGCTCCTCCTACACTCTCAGCCTCCGCTGGAGAGACCCCCAGCCCCACCAT
 TCAGCGCGCAAGATACCCTCCAGATATGCCCTGCGTCCAAGCCCAATATAGCCCTTCCCC
 TCCAGGTTCCAGTTATGCGGCGCAGACATACAGCTCGAATACACCACGGAGATCATGAA
 CCCCAGCTACACCAAGCTGACCATGGACCTTGGCAGCACTGAGATCACGGCTACAGCCAC
 CACGTCCTGCCAGCATCAGTACCTTCGTGGAGGGCTACTCGAGCAACTACGAACCTCAA
 GCCTTCTGCGTGTACCAAATGCAGCGGCCCTTGATCAAAGTGGAGGAGGGGGCGGCCG
 CAGTACCATCACCATCACCACCACCACCACCACCACCACCACCATCACCAGCAGCAGCA
 TCAGCAGCCATCCATTCTCCAGCCTCCAGCCCGGAGGACGAGGTGCTGCCAGCACCTC
 CATGTACTTCAAGCAGTCCCCACCGTCCACCCCAACACGCCGGCCTTCCCCCGCAGGC
 GGGGGCGTTATGGGACGAGGCACTGCCCTCGGGCGCCCGGCTGCATCGCACCCGGCCCGT
 GCTGGACCCGCCGATGAAGGCGGTCCCCACGGTGGCCGGCGCGCTTNCCTCTTCCA
 CTTNAAGCCCTCGNCGCCGNATCCCCCGGCCAGCNCNCGGNGGNCACNACTTG
 GNTACGACCCGACGGCCGNTGNCNGNCTCAACCTGCCGCTGGGAGCCGCACCCGCCGCG
 GCAGNCAAGCCCGCGCCTTGAGGCCACCCGTACGGNCTGNCCTGGCCAAAAGCCGGC
 CCCGTT

Restriction Sites:	NotI-NotI
ACCN:	NM_006981
Insert Size:	5270 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_006981.2 , NP_008912.2
RefSeq Size:	5635 bp
RefSeq ORF:	1881 bp
Locus ID:	8013
UniProt ID:	Q92570
Cytogenetics:	9q31.1
Domains:	HOLI, zf-C4
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) lacks the exon containing the translational start site compared to variant 3. The resulting isoform (a) is shorter at the N-terminus compared to isoform b. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>