

## Product datasheet for **RG213904**

### **NOR1 (NR4A3) (NM\_173199) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NOR1 (NR4A3) (NM\_173199) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** NOR1  
**Synonyms:** CHN; CSMF; MINOR; NOR1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG213904 representing NM\_173199  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCCTGCGTCCAAGCCCAATATAGCCCTTCCCTCCAGGTTCCAGTTATGCGGCGCAGACATACAGCT  
 CGGAATACACCACGGAGATCATGAACCCCGACTACACCAAGCTGACCATGGACCTTGGCAGCACTGAGAT  
 CACGGCTACAGCCACCACGTCCCTGCCAGCATCAGTACCTTCGTGGAGGGCTACTCGAGCAACTACGAA  
 CTCAAGCCTTCTGCGTGTACCAATGCAGCGGCCCTTGATCAAAGTGGAGGAGGGCGGGCGCCAGCT  
 ACCATCACCATCACCACCACCACCACCACCACCACCACCACCATCACCAGCAGCAGCATCAGCAGCCATCCAT  
 TCCTCCAGCCTCCAGCCCGGAGGACGAGGTGCTGCCAGCACCTCCATGTACTTCAAGCAGTCCCCACCG  
 TCCACCCACCACGCGGCCCTTCCCCCGCAGGCGGGGCGTTATGGGACGAGGCACTGCCCTCGGCGC  
 CCGGCTGCATCGCACCCGGCCCGCTGCTGGACCCGCGATGAAGGCGGTCCCCACGGTGGCCGGCGCGCG  
 CTTCCCGCTCTTCCACTTCAAGCCCTCGCCGCGCATCCCCCGCGCCAGCCCGGCCGGCGGCCACCAC  
 CTCGGCTACGACCCGACGGCCGCTGCCGCGCTCAGCCTGCCGCTGGGAGCCGAGCCGCCGCGGGCAGCC  
 AGGCCCGCGCGCTTGAGAGCCACCCGTACGGGCTGCCGCTGGCCAAGAGGGCGGCCCGCTGGCCTTCCC  
 GCCTCTCGGCCTCAGCCCTCCCTACCGCTCCAGCCTGCTGGCGGAGAGTCCCAGCCTGCCGTCGCCG  
 CCCAGCAGGAGCTCGTCTGCTGGCGAGGACAGTGTGCCGCTGCGGGGACAACGCCGCTGCCAGCAT  
 ACGGCGTGCGAACCTGCGAGGGCTGCAAGGGCTTTTTCAAGAGAACAGTGCAGAAAAATGCAAAATATGT  
 TTGCTGGCAAATAAAAACTGCCAGTAGACAAGAGACGTCGAAACCGATGTCAGTACTGTCGATTTTCAG  
 AAGTGTCTCAGTGTGGAATGGTAAAAGAAGTTGTCCGTACAGATAGTCTGAAAGGGAGGAGAGTCTGTC  
 TGCCTTCAAACCAAAGAGCCATTACAACAGGAACCTTCTCAGCCCTCTCCACCTTCTCCTCAAATCTG  
 CATGATGAATGCTCTTGTCCGAGCTTAAACAGACTCAACACCCAGAGATCTTGATTATCCAGAGTAAGT  
 TTTATGATTTCTGCTTCAAATGAATGATCAGGGTCTCTATTTATGGCTACTAGTAATAAGAGTTGAT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



[View online »](#)



**Reconstitution Method:**

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\\_173199.1](#), [NP\\_775291.1](#)

**RefSeq Size:** 2588 bp

**RefSeq ORF:** 1332 bp

**Locus ID:** 8013

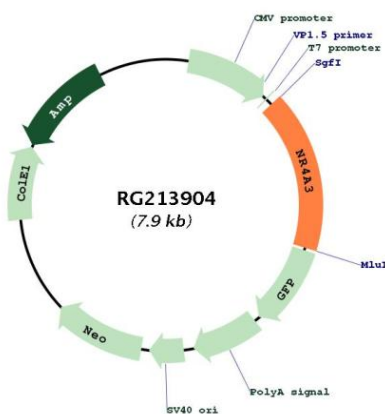
**UniProt ID:** [Q92570](#)

**Cytogenetics:** 9q31.1

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**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]

## Product images:



Circular map for RG213904