

Product datasheet for **RR201114**

Nr0b1 (NM_053317) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr0b1 (NM_053317) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nr0b1
Synonyms:	Ahch; DAX-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR201114 representing NM_053317
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGTGAGGACCACCCGTGGCATGGCAGCATCCTCTACAATCTGTTGATGAGCGCGAAGCAGAAGC
 ACGGGTCTAGGGAAGAGCGAGAGGTGCGCTTGGGGCTCAGTGCTGGGGTTGCGCCTGCGGTA
 CAGCC
 CGTCTGGGTGGGAGGGACTGCCCGCGGGCAAGCCTTGTCCCTTCTGTACCGTCTGCTTTTGTGGG
 GAGAACCACCCGCGCCAGGGTGGCATCCTCTACTCTATGCTACCAACGCCAGGCAGCCTAGCGGGCGA
 CCGAGGCGCCAGGGCGGATTAGAACTCCTTGTGGGGCTGCGCTGCAGCAACGAAAGCCCTGGT
 GGGCAGADARGGGCTGCCAGCTGGCAAGTCCCCTCGCTCCTGTACCGTCTGCTTCTGCGAAAAA
 CACCCGAGGCAGGCAGCATCTTATACAGTTGCTCACTAATGCCCAACAAACGCAGTGTCTCGGGAAG
 TACCCGAGGCACATCGCGGAGGCGAGTGGTGGCAGCTGTCTACTGTACCCACAATGTGGTGGCCCGA
 AGGGCTTCAGAGCACACAGGCCATGGCGTTCTGTACCGTAGCTATGTGTCTGTGAAGAGCAGCCCGA
 CAGAGCAGCGTTGCCCTCCGACACGCCCTGAGAGCAGATCAAACACCAGCAGCTCCGCAAGAGCAGCCGA
 GGGCCCCCTGGTGGGACACCTCCTCTGGTGTGCAGCGTCCGATTGCACTCAAGGATCCACAGGTGGTGTG
 CGAGGCAGCGTCGGCTGGCCTATTGAAGACCCTGCGCTTTGTCAAGTACTTGCCTTGCCTCCAGATCCTG
 CCCTTAGATCAGCAGCTGGTGTGGTGGCAGCTGTTGGGCGCCCTACTCATGCTTGTGGTGGCCCAAG
 ATCACCTGCACCTCGAGATGATGGAGATTTCCGAGCCCAACTGATGCACGAAATGCTCACCACCAGGCG
 GCAGGAGACCGAAGGCCAGAGCCCGCAGATCCCAGGCCACAGAGCAGCCACAGACGGTGTCTGCGGAG
 GCTGGGCAGTGTCTCAGTCGCTGCGGTCCAGGCCATCAAGAGTTTCTTTTTAAGTGTGGAGTCTGA
 ACATTGACACCAAAGAGTACGCCTATCTGAAGGGGACCGTCTTTTTAACCCAGACCTGCCTGGCCTGCA
 GTGCGTGAATAACATCGAGAGTCTTCAGTGGAGAACTCAGCAGATCCTCACTGAGCACATCAGGCTGATG
 CAAAGAGAGTACCAGATCAGATCGGCTGAAGTGAATAGTGCCCTTTTCTGCTGAGATTCATCAACACCG
 ATGTTGCTCACTGAAGTCTTTTTCAGGCCATCATTGGTCCGTCAGCATGGATGATATGATGCTGGAGAT
 GCTCTGTGCAAAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR201114 representing NM_053317
 Red=Cloning site Green=Tags(s)

MAGEDHPWHGSILYNLLMSAKQKHGSREEREVRLGAQCWGCACGTQPVLGGEGPLGGQALSLLYRCCFCG
 ENHPRQGGILYSMLTNAHQPSGATEAPRARFRTPCWGCACSNAPLVGRXGLPAGQVPSLLYRCCFCGKK
 HPRQGSILYSLLTNAQQTHVSREVPEAHRGGEWWQLSYCTHNVGGPEGLQSTQAMAFLYRSYVCCEEQPQ
 QSSVASDTPVRADQTPAAPQEQPRAPWWDTSAGVQRPALIKDPQVVCEAASAGLLKTLRFVKYLPFCQIL
 PLDQQLVLRSCWAPLLMLELAQDHLHFEMMEISEPNLMHEMLTTRRQETEGPEPADPQATEQPQTVSAE
 AGHVLVAAVQAISFFFKCWSLNIDTKEYAYLKGTVLFPDLPLGLQCVKYIESLQWRTQQILTEHIRLM
 QREYQIRSAELNSALFLLRFINTDVVTELFRRPIIGAVSMDDMMLEMLCAKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

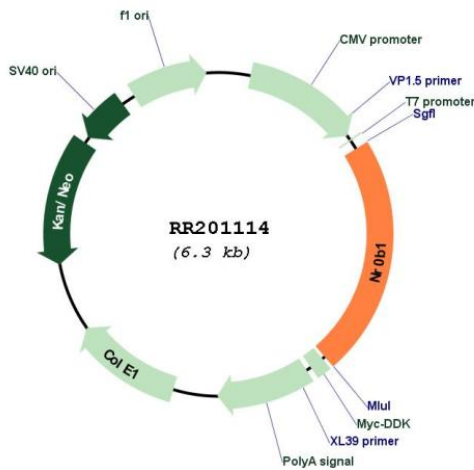
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_053317

ORF Size:

1416 bp

OTI Disclaimer:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:

This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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_053317.1](#), [NP_445769.1](#)

RefSeq Size: 1800 bp

RefSeq ORF: 1419 bp

Locus ID: 58850

UniProt ID: [P70503](#)

Cytogenetics: Xq21

MW: 52.8 kDa

Gene Summary: human homolog is an orphan nuclear hormone receptor [RGD, Feb 2006]