

## Product datasheet for **RR216724**

### **Nr5a1 (NM\_001191099) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nr5a1 (NM_001191099) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nr5a1
Synonyms:	Ad4bp; Ad4BP/SF-1; Ftzf1; Sf-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR216724 representing NM\_001191099  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACTATTCGTACGACGAGGACCTGGACGAGCTGTGTCCAGTGTGTGGTGACAAGGTGTGGGCTACC  
 ACTACGGGCTGCTCACGTGCGAGAGCTGCAAGGGCTTCTCAAGCGCACAGTCCAGAACAACAAGCATT  
 CACGTGCACCGAGAGTCAGAGCTGCAAAATCGACAAGACGACGCGTAAGCGCTGTCCCTTCTGCCGCTC  
 CAGAAAGTGCCTGACGGTGGGCATGCGCCTGGAAGCTGTGCGTGCTGATCGAATGCGGGGCGGCCGGAACA  
 AGTTTGGGCCCATGTACAAGAGAGACCGGGCTTGAAGCAGCAGAAGAAAGCACAGATTCGGGCCAATGG  
 CTTCAAAGTGGAGACCGGACCACCGATGGGGTTCCTCCCGCCACCCCTCCCGCCCGGACTACATGTTA  
 CCCCTAGCTGCATGCACGGAGCCCAAGGCCCTGGTCTCTGGCCACCCAGTGGGCGCTGGGTGACT  
 TTGGAGCCCCATCTGTCCCATGGCCGTGCTGGTCCCCACGGGCTCTGGCTGGCTACCTCTATCTGC  
 CTTCTCTAACCGCACCATCAAGTCTGAGTATCCAGAGCCCTACGCCAGCCCCCTCAACAGCCAGGGCCA  
 CCTACAGCTATCCGGAGCCCTTCTCAGGAGGGCCCAATGTACCAGAGCTCATATTGCAGCTGCTGCAAC  
 TAGAGCCAGAGGAGGACAGGTGCGTGCATCGTGGGCTGCCTGCAGGAGCCAGCCAAAAGCCGCC  
 TGACCAGCCAGCGCCCTCAGCCTCCTCTGAGGATGGCGGACCAGACCTTTATCTCCATTGTGCTGACTGG  
 GCACGAAGGTGCATGGTATTTAAGGAGCTGGAGGTGGCTGACCAGATGACACTGCTGCAGAACTGCTGGA  
 GTGAGTGTCTGGTGTGGACCACATCTACCGCCAGGTCCAGTACGGCAAGGAAGACAGCATCTTGTGGT  
 CACTGGACAGGAGGTGGAGCTGAGCACGGTGGCTGTGCAGGCTGGCTCCCTGTGCACAGCCTGGTGTG  
 CGGGCACAGGAGTTGGTGTGCAGCTGCATGCCCTGCAACTGGACCGCCAGGAGTTGTCTGTCTCAAGT  
 TCCTCATCTCTCAGCCTCGATGTGAAATTCCTGAACAACCACAGCCTGGTAAAGGAGCCCGGAGAGAA  
 GGCCAACGCCCGCCTGCTGGATTACACCTTGTGTCACTACCCACACTGCGGGGACAAATTCAGCAGTTG  
 CTATTGTGCCTGGTGGAGGTGCGGGCACTGAGCATGCAGGCCAAGGAGTATCTGTACCATAAGCATTGG  
 GCAACGAGATGCCCGCAACAACCTTCTCATTGAGATGCTGCAGGCCAAGCAGACT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR216724 representing NM\_001191099  
 Red=Cloning site Green=Tags(s)

MDYSYDELDLDELCPVCGDKVSGYHYGLLTCECKGFFKRTVQNNKHYTCTESQSCKIDKTQRKRCPCFRF  
 QKCLTVGMRLEAVRADMRGGRNKGPMYKRDRALKQKKAQIRANGFKLETGPPMGVPPPPPPPPDYML  
 PPSLHAPEPKALVSGPPSGPLGDFGAPSLPMAVPGPHGLAGYL YPAFSNRTIKSEYPEPYASPPQPGP  
 PYSYPEPFSGGPNVPELILQLLQLEPEEDQVRARIVGCLQEPAKSRPDQPAPFSLCRMADQTFISIVDW  
 ARRCMVFKELVADQMTLLQNCWSELLVLDHIYRQVQYKEDSILLVTGQEVELSTVAVQAGSLLHSLVL  
 RAQELVLQLHALQLDRQEFVCLKFLILFSLDVKFLNNHSLVKDAQEKANAALLDYTLCHYPHCGDKFQQL  
 LLCLVEVRALSMQAKEYLYHKHLGNEMPRNLLIEMLQAKQT

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



**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\\_001191099.1](#), [NP\\_001178028.1](#)

**RefSeq Size:** 2182 bp

**RefSeq ORF:** 1389 bp

**Locus ID:** 83826

**UniProt ID:** [P50569](#)

**Cytogenetics:** 3q12

**MW:** 52.1 kDa

**Gene Summary:** transcription factor; essential for adrenal and gonadal development [RGD, Feb 2006]