

Product datasheet for **RN216724**

Nr5a1 (NM_001191099) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN216724 representing NM_001191099
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACTATTCGTACGACGAGGACCTGGACGAGCTGTGTCCAGTGTGTGGTGACAAGGTGTCCGGCTACC
 ACTACGGGCTGCTCACGTGCGAGAGCTGCAAGGGCTTCTCAAGCGCACAGTCCAGAACAACAAGCATT
 CACGTGCACCGAGAGTCAGAGCTGCAAAAATCGACAAGACGACGCGTAAGCGCTGTCCCTTCTGCCGCTC
 CAGAAGTGCCTGACGGTGGGCATGCGCCTGGAAGCTGTGCGTGCTGATCGAATGCGGGGCGGCCGGAACA
 AGTTTGGGCCATGTACAAGAGAGACCGGGCTTGAAGCAGCAGAAGAAAGCACAGATTCGGGCCAATGG
 CTTCAAAGTGGAGACCGGACCACCGATGGGGTCCCCCGCCACCCCTCCCCACCGGACTACATGTTA
 CCCCCTAGCTGCATGCACGGAGCCAAAGGCCCTGGTCTCTGGCCACCCAGTGGGCCGCTGGGTGACT
 TTGGAGCCCCATCTGTCCCATGGCCGTGCTGGTCCCCACGGGCTCTGGCTGGCTACCTATCTCTGC
 CTTCTCTAACCGACCATCAAGTCTGAGTATCCAGAGCCCTACGCCAGCCCCCTCAACAGCCAGGGCCA
 CCTACAGCTATCCGGAGCCCTTCTCAGGAGGGCCAATGTACCAGAGCTCATATTGCAGCTGTGCAAC
 TAGAGCCAGAGGAGGACAGGTGCGTGCTGCGATCGTGGGCTGCCTGCAGGAGCCAGCCAAAAGCCGCC
 TGACCAGCCAGCGCCCTTCAAGCTCCTCTGCAGGATGGCGGACCAGACCTTTATCTCCATTGTGCTGACTGG
 GCACGAAGGTGCATGGTATTTAAGGAGCTGGAGGTGGCTGACCAGATGACACTGCTGCAGAACTGCTGGA
 GTGAGCTGCTGGTGTGGACCACATCTACCGCCAGGTCCAGTACGGCAAGGAAGACAGCATCTTGTGGT
 CACTGGACAGGAGGTGGAGCTGAGCACGGTGGCTGTGCAGGCTGGCTCCCTGTGCACAGCCTGGTGTG
 CGGGCACAGGAGTTGGTGTGCAGCTGCATGCCCTGCAACTGGACCGCCAGGAGTTGTCTGTCTCAAGT
 TCCTCATCTCTCAGCCTCGATGTGAAATTCCTGAACAACCACAGCCTGGTAAAGGACGCCAGGAGAA
 GGCCAACGCCCGCCTGCTGGATTACACCTTGTGTCACTACCCACACTGCGGGGACAAATTCAGCAGTTG
 CTATTGTGCCTGGTGGAGGTGCGGGCACTGAGCATGCAGGCCAAGGAGTATCTGTACCATAAGCATTGG
 GCAACGAGATGCCCGCAACAACCTTCTCATTGAGATGCTGCAGGCCAAGCAGACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001191099
- Insert Size:** 1389 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191099.1](#), [NP_001178028.1](#)

RefSeq Size: 2182 bp

RefSeq ORF: 1389 bp

Locus ID: 83826

UniProt ID: [P50569](#)

Cytogenetics: 3q12

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