

## Product datasheet for **RN214563**

### **Nr5a2 (NM\_021742) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nr5a2 (NM_021742) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr5a2
Synonyms:	Ftf; Lrh-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214563 representing NM\_021742  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTCTGCTAGTTCGATTACTGGGGATTTCAAGACTTTCTTAAGCATGGACTTCCAGCTATTGCACCTG  
 CACCAGGATCAGAGACTCCACACTCCCCAAACTTGAGGAAAAACACCGGAAAAACGTGCTGGCTTCC  
 GGACCGACACCGACGGCCATTCCCGCCCGCAGCCGCTTGTCTGCTGCCCAAAGTGGAGACGGAAAGCC  
 TCAGGACTGGTCCGATCGCATGGGAACAGGGGCAGATGCCGAAAAACATGCAAGTGTCTCAATTTAAAA  
 TGGTGAATTACTCCTATGATGAAGATCTGGAAGAGCTGTGCTCTGTGTGGCGATAAAGTATCTGGGTA  
 TCATTACGGTCTCCTCACCTGTGAAAGCTGCAAGGTTTCTTTAAGCGAACAGTCCAAAACCAGAAAAGG  
 TACACGTGCATAGAGAACCAGAAGTCCAAATTGACAAGACACAGAGAAAACGATGTCCTACTGTCGGT  
 TCAAAAAATGTATCGACGTTGGAATGAAGCTGGAGCCGTGAGAGCTGACCGCATGCGAGGAGGCAGAAA  
 TAAGTTCCGGCCAATGTACAAGAGAGACAGGGCCTTGAACAGCAGAAGAAAGCCCTCATTGAGCCAAT  
 GGACTTAAGCTGGAAGCCATGTCTCAGGTGATCCAAGCGATGCCCTCAGACCTGACCTCTGCAATTCAGA  
 ACATTCATTCTGCCTCCAAAGGCCACCTCTGAGCCATGTAGCCTTGCCTCCGACAGACTATGACAGAAG  
 TCCCTTTGCTACTTCTCCATTAGCATGACAATGCCACCTCATGGCAGTCTGCATGGTTACCAACCATAT  
 GGTCACTTTCTAATCGGGCCATCAAGTCTGAGTACCCAGACCCCTACTCCAGCTCGCCAGAGTCAATGA  
 TGGGCTACTCCTACATGGATGGTTACCAGACAAGCTCCCCGGCAAGCATCCCTCATCTGATATTGGAAT  
 TTTGAAGTGTGAACCGATGAGCCTCAAGTCAAGCGAAAATCATGGCTTACCTACAGCAAGAGCAGAAT  
 AACCGGAACAGGCAGGAAAAGCTGAGCGGCTTTGGGCTCTGTGCAAAAATGGCGGACCAGACCCTGTTCT  
 CCATTGTTGAGTGGGCCAGGAGTAGTATCTTCTCAGGGAATGAAGTTGATGACCAAAATGAAGTCTCT  
 TCAGAAGTCTGGAGTGAGCTCTTGATCCTGGATCACATTTACCGCAAGTAGCACATGGGAAGGAAGGG  
 ACAATCTTCTGTTACCAGGAGAACACGTGGACTACTCCAGCATCATCTCAAACACAGAAGTTCGATTCA  
 ACAACCTCCTGAGCCTCGCCAGGAGCTCGTGGTGGAGTCCGTTCCCTTCAAGTTGATCAGCGGGAGTT  
 TGTGTGCTGAAGTTCCTGGTGTGTTGAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGT  
 GGCGTCCAAGAGCAGGTCAATGCTGCCCTGCTGGACTACACACTTTGCAACTACCCACAACAACTGAGA  
 AATTTGGACAAGTCTTCTCGACTACCAGAAATCCGGGCAATCAGCAAACAGGCAGAAGACTACCTGTA  
 CTACAAGCACGTGAATGGGGATGTGCCCTACAATAACCTTCTCATTGAAATGCTGCACGCCAAAAGAGCC  
**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_021742
- Insert Size:** 1683 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:**

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\\_021742.1](#), [NP\\_068510.1](#)

**RefSeq Size:** 1931 bp

**RefSeq ORF:** 1683 bp

**Locus ID:** 60349

**UniProt ID:** [Q9QWM1](#)

**Cytogenetics:** 13q13

**Gene Summary:** an orphan nuclear receptor that may bind DNA and activate gene transcription [RGD, Feb 2006]