

## Product datasheet for **RC232799**

### **NR5A2 (NM\_001276464) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	NR5A2 (NM_001276464) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NR5A2
Synonyms:	B1F; B1F2; CPF; FTF; FTZ-F1; FTZ-F1beta; hB1F-2; LRH-1; LRH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC232799 representing NM\_001276464  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTGAATTACTCTATGATGAAGATCTGGAAGAGCTTTGTCCCGTGTGTGGAGATAAAGTGTCTGGT  
 ACCATTATGGGCTCCTCACTGTGAAAGCTGCAAGGGATTTTTAAGCGAACAGTCCAAAATAATAAAAG  
 GTACACATGTATAGAAAACCAGAACTGCCAAATTGACAAAACACAGAGAAAGCGTTGTCCTTACTGTCGT  
 TTTCAAAAATGTCTAAGTGTGGAATGAAGCTAGAAGCTGTAAGGGCCGACCGAATGCGTGGAGGAAGGA  
 ATAAGTTTGGGCAATGTACAAGAGAGACAGGGCCCTGAAGCAACAGAAAAAGCCCTCATCCGAGCCAA  
 TGGACTTAAGCTAGAAGCCATGTCTCAGGTGATCCAAGCTATGCCCTCTGACCTGACCATTTCTCTGCA  
 ATTCAAAACATCCACTCTGCCTCCAAGGCCTACCTCTGAACCATGCTGCCTTGCTCCTACAGACTATG  
 ACAGAAGTCCCTTTGTAACATCCCCATTAGCATGACAATGCCCCCTCACGGCAGCCTGCAAGGTTACCA  
 AACATATGGCCACTTTCTAGCCGGCCATCAAGTCTGAGTACCCAGACCCTATACCAGCTCACCCGAG  
 TCATAATGGGCTATTATATATGGATAGTTACCAGACGAGCTCTCCAGCAAGCATCCACATCTGATAC  
 TGGAACTTTGAAGTGTGAGCCAGATGAGCCTCAAGTCCAGGCTAAAATCATGGCCTATTTGCGCAAGA  
 GCAGGCTAACCGAAGCAAGCACGAAAAGCTGAGCACCTTTGGGCTTATGTGCAAAATGGCAGATCAA  
 CTCTTCTCCATTGTGAGTGGGCCAGGAGTAGTATCTTCTCAGAGAAGTAAAGTTGATGACCAATGA  
 AGCTGCTTCAGAACTGCTGGAGTGAAGTCTTAATCCTCGACCACATTTACCGACAAGTGGTACATGGAA  
 GGAAGGATCCATCTTCTGGTACTGGGCAACAAGTGGACTATTCATAATAGCATCACAAAGCCGGAGCC  
 ACCCTCAACAACCTCATGAGTCATGCACAGGAGTTAGTGGCAAACTTCGTTCTCTCCAGTTTGTCAAC  
 GAGAGTTCGTATGTCTGAAATTTGGTGCTCTTTAGTTTGTAGTGTCAAAAACCTTGAAAACCTCCAGCT  
 GGTAGAAGGTGTCCAGGAACAAGTCAATGCCGCCCTGCTGGACTACACAATGTGTAACACTACCCGAGCAG  
 ACAGAGAAATTTGGACAGCTACTTCTCGACTACCCGAAATCCGGGCCATCAGTATGCAGGCTGAAGAAT  
 ACCTCTACTACAAGCACCTGAACGGGGATGTGCCCTATAATAACCTTCTCATTGAAATGTTGCATGCCAA  
 AAGAGCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC232799 representing NM\_001276464  
 Red=Cloning site Green=Tags(s)

MVNYSYDEDLEELCPVCGDKVSGYHYGLLTCESCKGFFKRTVQNNKRYTCIENQNCQIDKTQRKRCPCYCR  
 FQKCLSVGMKLEAVRADRMGRGNKFGPMYKRDRAKQKQKALIRANGLKLEAMSQVIQAMPSDLTISSA  
 IQNIHSASKGLPLNHAALPPTDYDRSPFVTSPISMTMPPHGSQGYQTYGHFSPRAIKSEYPDPYTSPE  
 SIMGYSYMSYQTSPPASIPHLILELLKCEPDEPQVQAKIMAYLQQEQANRSKHEKLSFGLMCKMADQT  
 LFSIVIEWARSSIFFRELKVDQMKLLQNCWSELLILDHIYRQVVHGKEGSIFLVTGQQVDYSIIASQAGA  
 TLNLMASHAQELVAKLRSLQFDQREFVCLKFLVFLSLDVKNLENFQLVEGVQEQVNAALLDYTMCNYPQQ  
 TEKFGQLLLRPEIRAISMQAEEYLYYKHLNGDVPYNNLLIEMLHAKRA

**TR**TRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

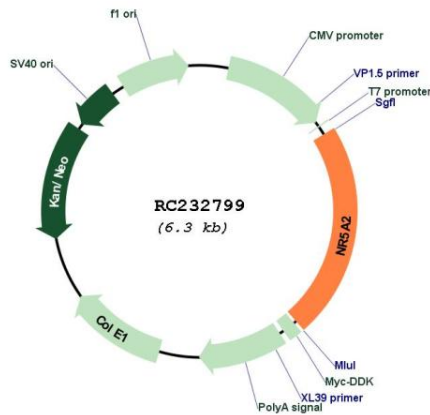
**Restriction Sites:**

Sgfl-MluI



**Cytogenetics:** 1q32.1  
**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors  
**Protein Pathways:** Maturity onset diabetes of the young  
**MW:** 54.1 kDa  
**Gene Summary:** The protein encoded by this gene is a DNA-binding zinc finger transcription factor and is a member of the fushi tarazu factor-1 subfamily of orphan nuclear receptors. The encoded protein is involved in the expression of genes for hepatitis B virus and cholesterol biosynthesis, and may be an important regulator of embryonic development. [provided by RefSeq, Jun 2016]

**Product images:**



Circular map for RC232799