

## Product datasheet for **RC234083**

### **NFIX (NM\_001271044) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	NFIX (NM_001271044) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NFIX
Synonyms:	CTF; MRSHSS; NF-I/X; NF1-X; NF1A; SOTOS2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC234083 representing NM\_001271044  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATGAGTTCACCCGTTTCATCGAGGACTGCTGCCTCACGTCGCGCTTCTCTACACCTGGTTCA  
 ACCTGCAGGCGCGGAAGCGCAAGTACTTCAAGAAGCATGAAAAGCGGATGTCGAAGGACGAGGAGCGGGC  
 GGTGAAGGACGAGCTGCTGGGCGAGAAGCCGAGATCAAGCAGAAGTGGGCATCCCGCTGCTGGCCAAG  
 CTGCGCAAGGACATCCGGCCGAGTTCGCGAGGACTTCGTGCTGACCATCACGGCAAGAAGCCCCCT  
 GCTGCGTCTCCAACCCGACCAGAAGGCAAGATCCGGCGGATTGACTGCCTGCGCCAGGCTGACAA  
 GGTGTGGCGGCTGGACCTGGTCATGGTATTTGTTAAAGGGATCCCCGAAAGTACTGATGGGGAG  
 CGGCTCTACAAGTCGCTCAGTCTCGAACCCCGGCTGTGCGTCCAGCCACATCACATTGGAGTCACAA  
 TCAAAGAAGTGGATCTTTATCTGGCTTACTTTGCCACTCCGGAATCCGGACAATCAGATAGTTCAA  
 CCAGCAAGGAGATGCGGACATCAAACACTGCCAACGGGCACTTAAGTTTCCAGGACTGTTTTGTACT  
 TCCGGGTCTGGAATGTGACGGAGCTGGTGGAGATATCACAGACTCCTGTTGCAACAGCATCAGGGCCCA  
 ACTTCTCCCTGGCGGACCTGGAGAGTCCAGCTACTACAACATCAACCAGGTGACCTGGGGCGCGGTC  
 CATCACCTCCCCTCCTTCCACCAGCACCAAGCGCCCCAAGTCCATCGATGACAGTGAGATGGAGAGC  
 CCTGTTGATGACGTGTTCTATCCCGGACAGGCGGTTCCCGAGCAGTGGCAGCAGCCAGTCCAGCGGT  
 GGCCCAACGATGTGGATGACAGGCGCGGCTTCTCTAAAGAAGTCAAGAAAGCTGGACTTCTGCAGTGCCT  
 CTCTCTCAGGGCAGTCCCCGCGATGGCTTCCACCACCCCGCTGCCTGTGCTTGTGGAGTCAGA  
 CCAGGGAGCCCCGGGCCACAGCATCAGCCCTGCACTTCCCTCCAGTCCATCATCCAGCAGTCGAGCC  
 CGTATTTACAGCACCCGACCATCCGCTACCACCACCACCGGGCAGGACTCACTGAAGGAGTTTGTGCA  
 GTTTGTGCTCGGATGGCTCGGGCCAGGCCACCGGACAGCATTCGCAACGACAGGCGCCTCCTCGCCA  
 ACCGTTTGTGTCAGCATCGGACCCCGGACGGCAACTTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC234083 representing NM\_001271044  
 Red=Cloning site Green=Tags(s)

MDEFHPFIEALLPHVRAFSTWFLNQLARKRKYFKKHEKRMSKDEERAVKDELLGEKPEIKQKQWASRLAK  
 LRKDIRPEFREDFVLTITGKKPPCCVLSNPDQKGIIRRIDCLRQADKVVRLDLVMVILFKGIPLESTDGE  
 RLYKSPQCSNPLCVQPHHIGVTIKELDLYLAYFVHTPESGQSDSSNQGDADIKPLPNGHLSFQDCFVT  
 SGVWNVTELVRVSQTPVATASGPNFSLADLESYNYINQVTLGRRSITSPSTSTTKRPKSIDSEMES  
 PVDDVFYPGTGRSPAAGSSQSSGWPNDVDAGPASLKKSGKLDKFCALSSQSSPRMAFTHHPLPVLAVR  
 PGSPRATASALHFPSTSIQSSPYFTHPTIRYHHHHGQDSLKEFVQFVCSGSDGSGQATGQHSQRQAPPLP  
 TGLSASDPGTATF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

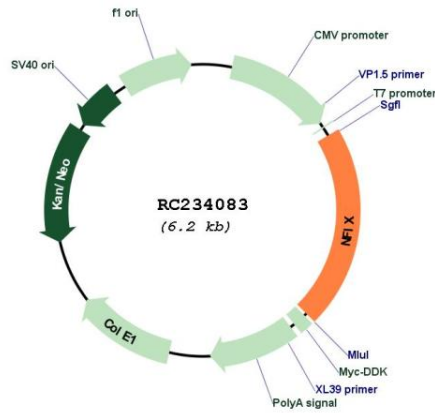


**Protein Families:** Transcription Factors

**MW:** 48.4 kDa

**Gene Summary:** The protein encoded by this gene is a transcription factor that binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3 in viral and cellular promoters. The encoded protein can also stimulate adenovirus replication in vitro. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2012]

**Product images:**



Circular map for RC234083