

Product datasheet for **RG222561**

NFIX (NM_002501) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFIX (NM_002501) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NFIX
Synonyms:	CTF; MRSHSS; NF-I/X; NF1-X; NF1A; SOTOS2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG222561 representing NM_002501 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTA**CTCCCC**GTACTGCCTCACCCAGGATGAGTTCACCCGTTTCATCGAGGCACTGCTGCCTCACGTCC
GCGCTTTCTCTACACCTGGTTCAACCTGCAGGCGCGGAAGCGCAAGTACTTCAAGAAGCATGAAAAGCG
GATGTCGAAGGACGAGGAGCGGGCGGTGAAGGACGAGCTGCTGGCGGAGAAGCCCGAGATCAAGCAGAAG
TGGGCATCCCGGCTGCTGGCCAAGCTGCGCAAGGACATCCGCCCCGAGTCCGCGAGGACTTCGTGCTGA
CCATCACGGGCAAGAAGCCCCCTGCTGGGTGCTCTCAACCCCGACCAGAAGGGCAAGATCCGGCGGAT
TGACTGCCTGCGCCAGGCTGACAAGGTGTGGCGGCTGGACCTGGTTCATGGTGATTTTGTAAAGGGGATC
CCCCTGGAAAGTACTGATGGGGAGCGGCTCTACAAGTCGCCTCAGTGCTCGAACCCTGGCCGTGTGCGTCC
AGCCACATCACATTGGAGTCACAATCAAAGAACTGGATCTTTATCTGGCTTACTTTGTCCACACTCCGGA
ATCCGGACAATCAGATAGTTCAAACCAGCAAGGAGATGCGGACATCAAACCCTGCCCCACGGGCACTTA
AGTTTCCAGGACTGTTTTGTGACTTCCGGGTCTGGAATGTGACGGAGCTGGTGAGATACACAGACTC
CTGTTGCAACAGCATCAGGGCCCACTTCTCCCTGGCGGACCTGGAGAGTCCCAGCTACTACAACATCAA
CCAGGTGACCTGGGGCGGGTCCATCACCTCCCCTCCTCCACCAGCACCAAGCGCCCCAAGTCC
ATCGATGACAGTGAGATGGAGGCCCTGTTGATGACGTGTTCTATCCCGGGACAGGCCGTTCCCCAGCAG
CTGGCAGCAGCCAGTCCAGCGGGTGGCCCAACGATGTGGATGCAGGCCGGCTTCTCAAAGAAGTCAGG
AAAGCTGGACTTCTGCAGTGCCTCTCCTCTCAGGGCAGCTCCCCGCGCATGGCTTTCACCCACCCCG
CTGCCTGTGCTTGTGGAGTCAAGCAGGGAGCCCCGGGCCACAGCATCAGCCCTGCACTTCCCCTCCA
CGTCCATCATCCAGCAGTCGAGCCCGTATTTACGCACCCGACCATCCGCTACCACCACCACCGGGCA
GGACTCACTGAAGGATTTGTGAGTGTGCTCGGATGGCTCGGGCCAGGCCACCGGACAGCATTTCG
CAACGACAGGCGCTCCTCGCCAACCGGTTTGTGACATCGGACCCCGGACGGCAACTTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_002501.4](#)

RefSeq Size: 5576 bp

RefSeq ORF: 1326 bp

Locus ID: 4784

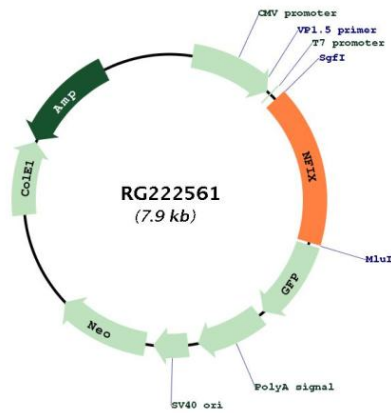
UniProt ID: [Q14938](#)

Cytogenetics: 19p13.13

Protein Families: Transcription Factors

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 RG222561