

Product datasheet for **MG226084**

Nfatc1 (NM_001164111) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nfatc1 (NM_001164111) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Nfatc1
Synonyms:	2210017P03Rik; AI449492; AV076380; NF-ATc; NFAT2; NFATc; Nfatcb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG226084 representing NM_001164111
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGGGGCTGGAGCAGGACCCGGAGTTCGACTTCGATTTCTCTTCGAGTTCGATCAGAGCGGCGGGG
 GCGCCGCGGCCGAGAACAACACTACAGTTATGTGTCCCCTAGTGTCACCTCGACCCTGCCCTTCCCACAGC
 ACACTCTGCCTTGCCAGCAGCATGCCACGACCTCCAGACGTCCACCCCGGGTATCTCAGCTGTTCTTCA
 GCCAATCATCCCCCAGTTACGGAGGGGCTGTGGACAGCGGGCCTTCGGGATACTTCTGTCTCTGGCA
 ACACCAGACCCAAACGGGGCCCGACTCTGGAGAGTCCGAGAATCGAGATCACCTCTACCTGGGCTTACA
 CCATGGCAGCGGCCAGTTTTTCCACGACGTGGAGGTGGAAGACGTAATCTCCTAGCTGCAAGCGCTCACCG
 TCTACAGCAACCTGCACCTGCCAGCCTGGAAGCCTACAGAGACCCCTCCTGCCTGAGCCAGCCAGCA
 GTCTCTCCTCCAGAAGCTGTAACCTGAGGCCTCCTCCTACGAGTCCAATACTCCTACCCATACGCGTC
 CCCCAGACCTCTCCGTGGCAGTCACTTCCGTGTCTCCAAGACCACGGACCCGGAGGAGGTTTTCC
 CGAAGCCTGGGTGCCTGCCACCTGCTAGGATCGCCCAGGCACTCCCATCCACCTCTCCTCGGGCAAGCA
 TACGGAGGAGAGCTGGCTCGGTGCCCGCGGCTCCCGGCCACGTCCCTGCAACAAGCGCAAGTACAG
 TCTCAATGGCCGGCAGCCCTCCTGCTCACCCACCACTCACCCACACCATCCCCCATGGCTCCCCTCGG
 GTCAGTGTGACCGAAGATACCTGGCTCGGTAACACCACCCAGTATACCAGCTCTGCCATTGTGGCAGCCA
 TCAACGCCCTGACCACCGATAGCACTCTGGACCTGGGTGATGGGGTCCCTATCAAGTCTCGAAAGACAGC
 ACTGGAGCATGCGCCCTCTGTGGCCCTCAAAGTAGAGCCAGCTGGGAAGACCTGGGCACCACTCCACCC
 ACTTCTGACTTCCACCCGAGGAGTACACTTCCAGCACCTTCGGAAGGGTGCCTTTTCGAGCAGTATC
 TGTCCGTGCCACAGGCCCTCGATCAGTGGGCGAAGCCAAAGTCTCTTTCCCGACATATATGAGCCC
 ATCCTTGGCTGCCCTTGACTGGCAGTCCCGTACATTCTGGTCCATACGAGCTTCGGATCGAGGTGCAG
 CCCAAGTCTCACACAGGGCTCACTATGAGACGGAAGGCAGCCGGGGGGTGTGAAGGCTTCAGCTGGAG
 GACACCCATTGTGCAGTACACGGTACTTGGAGAATGAACCTCTCACGCTACAGCTGTTCAATGGGAC
 GGCTGACGACCGCTGCTGAGGCCACGCCTTACCAGGTCCACCGGATCACGGGAAGACTGTCTCC
 ACCACCAGCCACGAGATCATCCTGTCCAACACCAAAGTCTGGAGATCCCGTGTCTCCAGAAAATAACA
 TGCGAGCCATCATCGACTGTGCTGGGATCCTGAAGCTCAGAACTCTGATATTGAGCTGAGGAAAGGGGA
 GACAGACATCGGGAGGAAGAACCAGGGTGGGCTGGTCTTCCGAGTTCACATCCACAGCCCAATGGC
 CGGACGCTGTCTCCAGGTGGCTCGAACCTATCGAGTGTCCAGCGGTGAGCCAGGAGCTGCCCC
 TCGTGGAGAAGCAGAGCACAGACAGTACCCAGTATCGGCGGGAAGAAGATGGTGTGTCTGGCCATAA
 CTTTCTGCAAGACTCAAAGTCAATTTTCGTGGAGAAGGCTCCAGATGGCCACCACGTCTGGGAGATGGAA
 GCAAAGACTGACCGGGACCTGTGCAAGCCAAATCCCTGGTGGTTGAGATACCACCTTCCGCAACCAGA
 GGATAACCAGCCCGTCCAAGTCAATTTCTATGTCTGCAACGGGAAACGGGAAGAGAAGCCAGTACCAGCG
 TTTACGTACCTTCTGCCAATGTTCCAATTATAAAGACAGAACCACGGACGACTTTGAGCCAGCTCTG
 ACCTGTGGACCAATGAGCCAGGGGATTAGTCTCTGCGGAGGCCTTACTACAGCCAACAGCTCACCATGC
 CTCCCACCCCGGCTCCTGCCTCGTGGCTGGCTCGCCCCCTGCTCCAGAGGAACACGCTGATGCCAC
 GCCTCCCAACGCAAGCCGAAGCTCCACGACCTTCTCTCTGCTACACCAAGGGCTCACCAACCCG
 GGCCACAGTGGTACCTTGGACTTCAGCCACCCGCTTCGGAGGCCCCACCATGCAGGAAGTCCGAGAC
 CCATGGCCATCCAACCAACTCGCTGAGCAGCCCCATCCGCCAGGCTACAGCCGAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG226084 representing NM_001164111
 Red=Cloning site Green=Tags(s)

```

MTGLEQDPEFDFFLFEFDQSGGGAAAAEHYSYVSPSVTSTLPLPTAHSALPAACHDLQTSTPGISAVPS
ANHPPSYGGAVDSGPGSYFLSSGNTRPNGAPTLSPRIEITSYGLHHGSGQFFHDVEVEDVLPSCKRSP
STATLHLPSLEAYRDPSCSPASSLSSRSCNSEASSYESNYSYPYASPQTSPWQSPCVSPKTTDPEEGFP
RSLGACHLLGSPRHSPSTSPRASITTEESWLGARGSRPTSPCNKRKYSLNGRQPSCSPHHSPTSPHGSPP
VSVTEDTWLGNTTQYTSSAIVAAINALTTDSTLDLGDGVPIKSRKTALEHAPSVALKVEPAGEDLGTTPP
TSDFPPEEYTFQHLRKGAFCEQYLSVPQASYQWAKPKSLSPTSYMSPSLPALDWQLPSHSGPYELRIEVQ
PKSHHRAHYETEGSRGAVKASAGGHPIVQLHGYLENEPLTLQLFIGTADDRLLRPHAFYQVHRITGKTVS
TTSHEIILSNTKVLEIPLL PENNMRAIIDCAGILKLRNSDIELRKGETDIGRKNTRVRLVFRVHIPQPNG
RTLSLQVASNPIECSQRS AQELPLVEKQSTDSYPVIGGKMMVLSGHNFLQDSKVI FVEKAPDGHHVWEME
AKTDRDLCKPNSLVVEIPFRNQ RITSPVQVSFYVCNGKRKRSQYQRFTYLPANVPIIKTEPTDDFEPAL
TCGPM SQGISPLPRPYYSQQLTMPPDPGSCLVAGFAPCSQRNTLMPTPPNASPKLHDLSSPAYTKGLTNP
GHSGHLGLQPPASEAPT MQEVRPMAIQPNSPEQPPSARLQPQ
  
```

SGP TRRRLE - GFP Tag - V

Restriction Sites: Sgfl-RsrII

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_001164111.1, NP_001157583.1

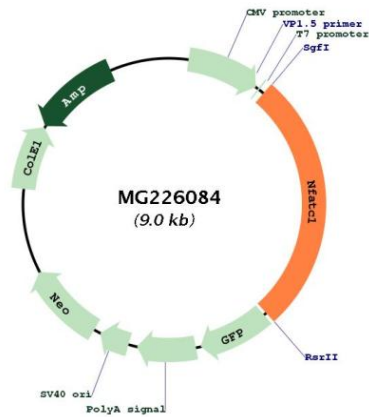
RefSeq Size: 4315 bp

RefSeq ORF: 2442 bp

Locus ID: 18018

Cytogenetics: 18 53.66 cM

Product images:



Circular map for MG226084