

Product datasheet for **MC223448**

Nfatc3 (NM_010901) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nfatc3 (NM_010901) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nfatc3
Synonyms: C80703; D8Ertd281e; NFAT4; NFATx
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223448 representing NM_010901
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTACTGCAAACGTGGCGCCACGACGAGCTCGACTTCAAACCTCGTCTTCGGCGAGGACGGGGCAC
 CAGCGCCGGTGTCCAGGTCTCGCGCCCTGCAGATCTTGAACCAGATGATTGTGCATCCATTTACATCTT
 TAATGTAGATCCACCTCCATCTACTTTAAACTCATCCCTTGGCTTACCACATCATGGACTGCTGCAGTCT
 CACTCTTCTGTTTTGTCACCATCATTTAGCTCCAAGGTTACAAAAATTATGAAGGAACTGGTGATTTT
 CTGAATCTAAATATAGTCCATTAGTGGTCCCTAAACCCCTTGGAGTGCCCAAGTATTCAAATCACATCCAT
 TTCTCCTAACTGTCATCAAGGAACAGATGCTCATGAAGATGACCTACATATAAATGACCCAGAAAGGGAA
 TATTTGGAAAGGCCTTCTAGAGATCATCTCTATCTTCCACTTGAGCCATCCTACCGGAACTTCCCTCA
 GTCCTAGTCTGCCAGCAGCATTCTTCTAGGAGCTGGTCTCAGATGCATCTTCTTGTGAATCTCTCTC
 CCACATTTATGATGATGTGGACTCAGAGTTGAATGAAGCTGCTGCACGATTCACCTTGGTTCACCTCTG
 ACTTCTCCAGGTGGCTCTCCAGGAGTTGCCCTGGAGAAGAGTCTGGCATCAACAGTATGGATCTGGAC
 ACTCCTTGTACCTAGGCAATCTCCTTGGCACTCTCCTAGATCTAGTATCACTGATGAGAATTGGTGAG
 CCCCAGACCAGCCTCAGGACCCTCATCAAGGCCACTTCTCCCTGTGGTAAACGACGGCACTCCAGTGCT
 GAAGTATGTTATGCTGGTCCCTTTACCCCATCACTCGCTGTTCCATCCCTGGTCACTCTCCTAGAG
 GAAGTGTAAACAGAAGATACCTGGCTCACTGCTCCTGTCCACACTGGATCAGGCCTCAGCCCTGCACCGTT
 TCCATTTCACTACTGTGTAGAGACTGACATCCCTTTGAAAACAAGGAAGACTTCTGAAGATCAAGCTGCC
 ATACTACCAGGAAAATTAGAGATCTGTTAGATGATCAAGGAACTTATCCCTTCCCGGAGACATCAG
 TAGATGATGGCCTTGGATCTCAGTATCCTTTAAGAAAGATTCTCTGGTGACCAATTTCTTTCACTTCC
 TTCACCTTTACCTGGAGCAAACCAAGCCTGGCCACACCCTATATTTGCACATCTTCATTACCTCCA
 TTAGACTGGCCTTACCAACTCACTTTGGACAATGTGAATTGAAAATAGAAGTGAACCTAAAACCTCACC
 ATAGAGCCATTATGAACTGAAGGTAGCCGAGGGCAGTGAAAGCCTCTACTGGTGGCCATCCTGTTGT
 GAAGCTCCTGGCTATAGTGAAGCAATAAATCTACAGATGTTTATTGGAACGCCGATGATAGATAT
 TTACGACCTCATGCATTTACCAGGTGCATCGGATTACTGGAAAGACAGTTGCTACTGCAAGTCAAGAGA



[View online »](#)

TAATAATCGCCAGCACAAAAGTTCTGGAAATCCCACCTTCTACCTGAAAATAATATGTCAGCGAGTATTGA
 CTGTGCAGGTATTTTAAAGCTCCGCAACTCAGATATAGAAGCTTCGAAAAGGAGAACTGATATTGGCAGA
 AAAAATACTAGAGTCCGACTTGTATTTCTGTGTCACATCCCACAGCCAGTGGAAGGTTCTTTCTCTAC
 AGATAGCATCTATTCTGTTGAGTGTCTCAGCGATCTGCTCAAGAACTCCCTCATATTGAGAAGTACAG
 TATCAACAGTTGCTCTGTCAATGGAGGCCAGAAATGATTGTGACTGGATCTAATTTTCTCCAGAATCC
 AAAATAATTTTTCTTGAAAAAGGACAAGATGGAAGACCTCATTGGGAGGCTGAAGGAAAAATAATCAGAG
 AAAAATGTCAAGGGCTCACATTGTCTTGAAGTTCTCCCTATCATAACCCAGCAGTTACATCTGCCGT
 GCAGGTGCACTTTTATCTTTGCAATGGCAAGAGGAAAAAAGCCAGTCTCAACGTTTTACTTACACACCA
 GTTTTGTGAAGCAAGAACAAGAGAAGACACAGATTTGCCTTCAGTTCCATCTTTGCCTGTGCCTCATT
 CTGCCAGGCCAGAGGCCCTCCTCAGAGACAGGGCACCCCATGACCGTGCGATGTCAGCACCGGGAAG
 CCTGCTTTGTCAAGTGCAGCCAGCATATACATCTATGGTAGCCTCCACCCATTTGCCACAGTTGCAGTGT
 AGGGATGAAGGTGCTGGTAAAGAGCAGCACATAGCAACATCTTCAGTCATGCACCAGCCTTTCCAAGTTA
 CACCAACATCTCCTATAGGGTCTTCTATCAGTCTATACAACTAGTATGTATAACGGTCCAACCTGTCT
 TCCTGTGAATCCTGCCTAGTCAAGAATTTGACCCAGTTTTGTTTCAGCAAGATGCAGCTCTTTCTAGT
 TTAGTAAATCTTGCTGTCAACCACTGTACCAATACCATTTCTTCAAATTCAGATGCGACAGGAC
 ATCTTTAGCACATTCACCTCATTCTGTGCAAACCCACCTCATCTGCAGTCAATGGGATACCATTGTTT
 AAATGCAGGACAAACAGCTCTTTCTTCCAGTGGCAGACCAGATCACAGGTCAGCCTTCTTCTCATTTA
 CAGCCTATTACATATTGTCTTACACCCAGGATCTGCTACAGCAGCTTCCCCAGCAGCCTCTCATCCTC
 TGGCTAGTTACCCGATTTCTGGGCCATCATCCCCTCAGCTGCAGCCTATGCCTTATCAATCTCCTAGCTC
 AGGAACTGCCTCATCACCATCTCCAACCTACCAGAAATGCATTCTGGACAGCACTCAACTCAAGCACAAAGT
 ACAGGCCAAGGAGGCCTTTCTGTTCTTCTCATCCTTAGTATGTACAGTTTGTGTGACCCAGCGTCATTTT
 CGCCTGGTGGTCAACTGTGAGCATTAACTGAACCTGAAGATCAAGAACCTAACTTTGCAACCATTTGG
 TCTACAGGATATCACCTTAGATGATGTGAACGAGATTATTGGGAGAGACATGTCCAGATTTCTGTTTCC
 CAAGCCAGGAGGTGATGAGAGACACTCCTCTCCGGGTCCGGCGTCTCCAGATCTGATGACCTCTCACA
 GTGCTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_010901

Insert Size:

3231 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_010901.2](#), [NP_035031.2](#)

RefSeq Size: 6032 bp
RefSeq ORF: 3231 bp
Locus ID: 18021
Cytogenetics: 8 53.08 cM