

Product datasheet for **RN208026**

Nfatc3 (NM_001108447) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nfatc3 (NM_001108447) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nfatc3
Synonyms:	NFAT4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208026 representing NM_001108447 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACTACTGCAAACGTGGCGCCACGACGAGCTCGACTTTAACTCGTCTTCGGCGAGGACGGGGCAC
CAACGCCGGTGTCCAGGTCTCGCGCCGTCAGATCTTGAACCAGATGATTGTGCATCCATTTACATCTT
TAATGTAGACCCGCTCCATCTACTTTAAATTCATCATTGGCTTACCACATCATGGACTGCTGCAGTCT
CACTCTTCTGTTTTGTCACCATCATTTAGCTCCAAGTTTTCAAAAATTATGAAGGAACTGATGATTTT
CTGAATCTAAATATAGCTCATTAAAGTGGTCTAAACCCCTTGAATGCCCAAGTATCAAATTTACATCCAT
CTCTCCTAACTGTCATCAAGAAACAGATGCTCATGAAGATGACCTACATGTAAATGACCCAGAAAGGGAA
TATTTGGAAAGGCCTTCTAGAGATCATCTCTATCTCCACTTGAACCGTCTACCGGAACTTCCCTTA
GTCCTAGTCTGCCAGCAGCGTTTCTTAGGAGTTGGTTCTCAGATGCATCTTCTGTGAGTCTCTCTC
ACACATTTATGACGATGTGGACTCAGAGTTGAATGAAGCTGTCACGATTTACTCTTGGCTCACCTCTG
ACTTCTCCAGGTGGCTCTCCAGGAGTTGCCCTGGAGAAGAGTCTGGCATCAACAGTATGGACCTGGAC
ATTCCTGTACCTAGGCAATCTCTTGGCACTCTCTAGATCCAGTATCACTGATGAGAATTGGCTGAG
CCCCAGACCAGCCTCAGGACCCTCATCCAGGCCACTTCTCTTGTGGTAAACGACGGCACTCCAGTGCT
GAAGTATGTTATGCTGGCTCTCTTTCACCCATCACTCACCTGTTCCGTCCTCCCTGGTCACTCGCCTAGAG
GGAGTGAACGAAGATACCTGGCTCACTGCTCTGTCCACACTGGATCAGGCCTCAGCCCTGCACCGTT
TCCATTTCACTACTGTGTAGAGACTGACATCCCTTTGAAAACAAGGAAGACTTCTGACGATCAAGCTGCC
ATACTACCAGGAAAATTAGAGGTCTGTTAGATGATCAAGGGAGCTTATCCCATCCCGGAGACATCAG
TAGATGATGGCCTTGGATCTCAGTATCCTTTAAAGAAAGATTCATCTGGTGACCAATTTCTTTCAGTTCC
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GAAGCTCCTGGCTATAGTAAAAGCCAATAAATCTACAGATGTTTATTGGAACGCCGATGATAGATAT
TTACGACCTCACGATTTTACCAGGTGCATCGCATTACTGGAAAGACAGTTGCTACTGCAAGTCAAGAGA



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TAATAATCGCCAGCACAAAAGTTCTGGAAATCCCACCTTCTACCTGAAAATAATATGTCAGCAAGTATCGA
CTGTGCAGGTATTTTGAAGTCCGCAATTCAGATATAGAAGTTCGAAAAGGAGAACTGATATTGGCAGA
AAGAATACTAGAGTCCGACTTGTATTTCTGTGTCACATCCCACAGCCAGTGGAAAAGTCCTTTCTCTAC
AGATAGCATCTATTCTGTGAGTGCTCTCAGCGATCTGCTCAAGAGCTCCCTCACATTGAGAAGTACAG
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AGGGATGAGGGTCTGGCAAAGAACAGCACATAATACCATCTTCGGTTCATGCACCAGCCTTTTCAAGTTA
CACCAACATCTCCTATGGGGTCTTCTATCAGTCTATACAACTAATATGTATAATGGTCCAACCTGTCT
TCCTATGAATCCTGCCTCTAGTCAAGAATTTGATCCAGTTTTGTTTCAGCAGGATGCAGCTTTTCTAAT
TTAGTAAATCTTGCTGTCAACCACTGTACCAATACCATTTTCTTCAAATTCAGATGCAACAGGAC
ATCTTTTAGCTCATTACCTCATTCTGTGCAAACCCACCTCATCTGCAGTCAATGGGATACCATTGTTT
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CAGCCTATCACATATTGCTTCCATCCAGGGTCTGCTACAGCAGCTTCCCCAGCAGCCTCTCATGCTC
TTTCTAGTTACCCGATTTCTGGGCCACCGTCCCCTCAGCTGCAGTCTATGCCTTACCAATCTCCTAGCTC
AGGAACTGCCTCATCACCATCTCCAGTTACCAGAATGCATTCTGGACAGCACTCAACTCAAGCACAAAGT
ACAGGGCAAGGAGGTCTTCTGTACCTTCATCCTTAGTTGTGACAGTTTGTGTGACCCAGCATCGTTTC
CACCTGGTGGTGCAGCTGTGAGCATTAACTGAACTGAAGTCAAGAACCTAACTTTGCAACCATTTGG
TCTACAGGATACACTTTAGATGATGACCAGTTTATGTCTGACTTGAACACCAGCCATCAGGTTCAACA
GAGAAATGGCCTAATCACAGTGAGTTCTCATGTCCAGTTCTTTCTGGCGAATCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001108447
Insert Size:	3207 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:	<ol style="list-style-type: none">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:	<u>NM_001108447.1, NP_001101917.1</u>
RefSeq Size:	5953 bp

RefSeq ORF: 3207 bp
Locus ID: 361400
Cytogenetics: 19q12