

## Product datasheet for **SC216669**

### NFAT2 (NFATC1) (NM\_172389) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NFAT2 (NFATC1) (NM_172389) Human 3' UTR Clone
Symbol:	NFAT2
Synonyms:	NF-ATC; NF-ATc1.2; NFAT2; NFATc
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_172389
Insert Size:	1823 bp



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**Insert Sequence:** >SC216669 3'UTR clone of NM\_172389  
 The sequence shown below is from the reference sequence of NM\_172389. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCACCCCGGCCCTGCTGCCACAGCAGTAAATGAAATAATACGAAATGACCTCTCCAGCAGACGACCC
ACTCCTAGTTGCCACATTGGAGCACTCAGTTCAGCAGGGGTATGCTGACTTCAGCAGACAAAGACTTTT
GAATAAATAAACTGAACTCACACCTGGTACCCTCAGAACCTCCAAGTACTGAAATGCCAGGAGCTGAA
CATTAAATATGTGCAAAGATTGGCTCTCCAACAAGAAGGAAAGCAGGGAGGAAGGGAGACCACTGTGTCA
CCTGGAGGAGAAGTCATCTCATGACAACAGAAGGGAGGTGGCCGGGCTGAGCACGGGAGACCCACCGTG
CAGGGGCTTTTCATGGGAACGGCCACACGCAGTTTGACCCACGCCAGCCCTTCTGGCACCCCTGGG
GTTCAATACTGGAAGTGCCTTATTTAACAGACCATCAGGGCATCATAGAATTGAGCATTGAATTTGCT
ACTGTAGGAGTATTTTTAGGAGCAGAACTGCAAAACACATTTTATTGTGAGGTTTTACCCTCTGTATGA
ATGAAGAGAACGCTGGAAGGCTGCGAGAGGACTCTAGTATGAGTCTCCAACATTTGGAACGTTTCCTGG
GCTGTACAGTACACTCCTGCTGCCTTACACAGTGCATTTTAGAATCTTCCAGTCTGTCATCTCAGCTCT
TTTGTAACATGCTTCCCTTGTCTGCGCGTTGAAACCGTAGGCTTGTTCATAGTCGCATGCTCGCATCT
TTGTTTTTAATCTGGCTTGAACATAGCACAAAGTAACTTGAATAGCACATCAATAGGTTACTGGACAAA
AGCAGAAAAACCTGTTACAGGATAGCCTGCATTTGCATGTGTGTACATATCTAGGCATCTATTTATGTA
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TTGGAACCTGCGTCTGGGGCTCCAGTGCCTGCTTGTGGCGTCCATCGCCGCTCGGACGGCCGTGC
ATTTTCTCGTCTCACGCAGTTCGAGGAGGACCCTAGAAAGCCAGGAGCTGTGATTGACAGTAGCTGAG
GTTACCAGACGGCAACATTAGAAAGTGATTGTAATAACATGCAACCTAAGTGTAATATATTTGTTGAG
TTATAAGATGATTGTTTACAGAAGCCTTACCCTCTGCTTCTAAGAAAACCAATACCAAAAAC
GCCACTTTAATGCTCAGCCCTGCGTTGTGTGTTTTCAGATGAGTACTGTAAACAGGTAGGTTTGTGTA
GGCCTTGTGGCACTCTGTACAATTAGTTGCTTATTACGTATGATTACTCACAGCGATCTATTGTTCC
ATATAACCAAAAAGCATGGTTTATTATTGAAACAGGTTGACCTGAACTCGTGCCTTAGGAATTAATG
CCCCCTTATGGAACCTGCCTGAATTGCACCTGCGGGTGGAGGCTCCGGCTGTGAAGTCACTGAACAGAA
CGTCGCTGATGGAGAAAGGGCTCCCGCAGAAGGAACGGCCTGTACCGTGCCTCCGGCACAATCGCGTC
TCTTGTGTCTCACTCACGAAAGAAACAACCTGAAGGCCATCCCGTCCGCTGCACGTAACCGTGAAGA
CGTGTGGCCGCTCCACCTGCGGCTGGGTACCTGCACCCGGCACTGTAGGAGTACGTCAGCCTTT
CTCAGGGGACTGTATTGAAAGGAAACGTTTGATGTCTGTGTCAGCTGTCTTTGATGTTAGGAAATAG
ATCCAATAAAGCCGATTTTTTTGCTGGA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_172389.3](#)

**Summary:**

The product of this gene is a component of the nuclear factor of activated T cells DNA-binding transcription complex. This complex consists of at least two components: a preexisting cytosolic component that translocates to the nucleus upon T cell receptor (TCR) stimulation, and an inducible nuclear component. Proteins belonging to this family of transcription factors play a central role in inducible gene transcription during immune response. The product of this gene is an inducible nuclear component. It functions as a major molecular target for the immunosuppressive drugs such as cyclosporin A. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Different isoforms of this protein may regulate inducible expression of different cytokine genes. [provided by RefSeq, Jul 2013]

**Locus ID:**

4772

**MW:**

67.4