

## Product datasheet for **SC201695**

### NFAT1 (NFATC2) (NM\_173091) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NFAT1 (NFATC2) (NM_173091) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NFATC2
Synonyms:	NFAT1; NFATP
ACCN:	NM_173091
Insert Size:	2000 bp



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**Insert Sequence:**

>SC201695 3'UTR clone of NM\_173091

The sequence shown below is from the reference sequence of NM\_173091. 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
TCAGGACCTCCTGCCAGAAATCAGACGTAAGAAGCCATTATAGCAAGACACCTTCTGTATCTGACCC
CTCGGAGCCCTCCACAGCCCTCACCTTCTGTCTCCTTTCATGTTTCATCTCCAGCCCGGAGTCCACAC
GCGGATCAATGTATGGGCACTAAGCGGACTCTCACTTAAGGAGCTCGCCACCTCCCTCTAAACACCAGA
GAGAACTTTCTTTTCGGTTTATGTTTTAAATCCAGAGAGCATCCTGGTTGATCTTAATGGTGTCCG
TCCAAATAGTAAGCACCTGCTGACCAAAAGCACATTCTACATGAGACAGGACACTGGAACCTCCTGAG
AACAGAGTACTGGAGCTTGGGGGATGGACGGGGACAGAAGATGTGGGCACTGTGATTAACCCAG
CCCTTGCCTTCGTTTTCCAGGTCACAGATACAGCTCCTGTACCTTTTGAAGCAAGGAGTTCTCAGAG
CAACCAAGGAACGTGACCAAGAGCCAGCTTACAGGCTGAAGAAACCCAAAACCTCGATAGAGACA
GAAACTGAACTGTCACTTAGAGCTCGCCAGTCCATGCCACAACCTGGCCACAGCTAAAGCTTTAT
TTTTGAATTCTCATTCCAAAACCAACTGTCTGCCAGACAAGATCACCTGTTAAGACTTCTTGCCGT
TAAGTTATGACATGTATACGCGTTTGTATTATTTTTTCTGCTTTAAAAGGCTGACCAGGGCACCT
AGCCCTGGAGCTGTCTTGGCGAGCTGTTCTTAAACCCCTGCAGCACGAGTCTGCTAACACAATTTCC
ATAGACTTGGGGGCTGACCCAGGCTGCAGAGACAAGCACCTGTCTGCTGCAGCTGTACAACCTGGAT
GCTTTGCAAGGTTCCGGCTTGTCTTCTTAGCAGCCAGAGTGTCTTCCGTAAGCGGTGGAGAATC
TCAAGCATGTGCATTTAATTGAGGAATAGCAGAAGGGCTAAAGCAACCAAGAAAAGAAAGTGTGGTATT
TTTGTAAAGTAAAACAGCCCAAGTCTTCTGGAGGTGGTTTTCTACCAAGATAGAGGAAAAGGGCTGAA
TTCCCTTAAGTGGGACAGCCGAGCTCAGGATGTGCTTCCAGCTTCACTGGTTAATTTGACCTGAACC
TATTTAAAGATCCCTTCTGCCCTGAAGACCTATCCGCACTCAAATCTAACATGAAGAAATCTACTCG
AATGCATCCTTTACTTTGAATGAGCTCTATTGCGTTGCATGTTATATGTGATTTCTTCTCCCAACTG
TTTCCACTGAGCGCACCCAGTCTCCCTAGTCTTCTCTGTGGGTGTGATTTTTGTGATTTTACAAC
AAAACCTTGAAGTTCTTGGCAGATGTGTTTGTCTGTTTGCATGTACTGCAGATACCCAGGACAAG
CGGGGATTCATTTTTAGCCATTCAGTTGTTTCTCAATAATCCGCAAGTGAATAATCTTAG
CACTCAGACTGTACTTAGAGTGTCTTCTAGTCCAGTCTGTACAGTCTGTAGGCAGAAGGCTCAGAAG
AAAGTCATGGCCACTCAGTGCCACTGTGGCTTTGTAAGTCTGCTCTCCCGTCAAGGTTACCCAGA
GGTAAAAGCTTCCCTGGGAGTGGGCCAGGTGTGTTTGGCACTCCAGATAGAAGGCAAAATGCTCAGATT
CGGGCCTGTGCACTTGTATGCAACCTGTGCGTGCATACCTAGCATTTATTTTTCCCTGACATGAACGA
CCTTTCCCTCACCCACCCTAAGCTCAAAGATTTAGCAAAATCTCTTTAAATAAACAGAAATGCCAGT
AAGAGGTTGACCCCTACCATGGAACCTTCTGGGATGCTAAATACTTCTCATGAACAAAATAAGTTCTT
ATTATAAGTTCTTATACTAGCAGCTTACCTAAAGAATTTCTCTCCAGCAATATTGACTTCACTGG
AGCGGACCGACTTACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCAGAGATTTGATTCCACCGCCG
    
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**Restriction Sites:**

Sgfl-RsrII

**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\\_173091.4](#)

**Summary:**

This gene is a member of the nuclear factor of activated T cells (NFAT) family. The product of this gene is a DNA-binding protein with a REL-homology region (RHR) and an NFAT-homology region (NHR). This protein is present in the cytosol and only translocates to the nucleus upon T cell receptor (TCR) stimulation, where it becomes a member of the nuclear factors of activated T cells transcription complex. This complex plays a central role in inducing gene transcription during the immune response. Alternate transcriptional splice variants encoding different isoforms have been characterized. [provided by RefSeq, Apr 2012]

**Locus ID:**

4773

**MW:**

74