

Product datasheet for **SC216348**

NFAT2 (NFATC1) (NM_172387) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NFAT2 (NFATC1) (NM_172387) Human 3' UTR Clone
Symbol:	NFAT2
Synonyms:	NF-ATC; NF-ATc1.2; NFAT2; NFATc
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_172387
Insert Size:	1776 bp



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Insert Sequence: >SC216348 3'UTR clone of NM_172387
 The sequence shown below is from the reference sequence of NM_172387. 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
GACCTCTCCAGCAGGACGCCACTCCTAGTTGCCACATTGGAGCACTCAGTTCAGCAGGGGTATGCTG
ACTTCAGCAGACAAGACTTTTTGAATAAAATAAACTGAACTCACACCTGGTACCACTCAGAACCTCCAAC
TGACTGAATGCCAGGAGCTGAACATTAATATGTGCAAAGATTGGCTCTCCAACAAGAAGGAAAGCAGGG
AGGAAGGGAGACCACTGTGTACCTGGAGGAGAAGTCATCTCATGACAACAGAAGGGAGGTGGCCGGGC
TGAGCACGGGAGACCCACCGTGCAGGGGCTTTCATGGGAACGGCCACACGCAGTTTGACCCACGCC
CAGCCCTTCTGGCACCCCTGGGTTCAATACTGGAAGTGCCTTATTTAACAGACCATCAGGGCATCAT
AGAATTGAGCATTGAATTTGCTACTGTAGGAGTATTTTTAGGAGCAGAACTGCAACACATTTTCATTG
TGAGGTTTTACCCTCTGTATGAATGAAGAGAACGCTGGAAGGCTGCGAGAGGACTCTAGTATGAGTCTC
CAACATTTGGAACGTTTCTGGGCTGTACGTACACTCCTGCTGCCTTACACAGTGCATTTTAGAATCT
TCCAGTCTGTATCTCAGCTCTTTTGTAAACATGCTTCCCTTGTCTGCGCGGTTGAAACCGTAGGCTTGT
TCATAGTCGATGCTCGCATCTTTGTTTTAATCTGGCTTGAACATAGCACAAAGTAACTTGAATAGCA
CATCAATAGGTTACTGGACAAAAGCAGAAAAACCTGTTACAGGATAGCCTGCATTTGCATGTGTGTACA
TATCTAGGCATCTATTTATGTATAAATAAACAAGAGCCGACGTGCTCCTCGCCAGGAGGGCTTCCCTG
TCAGCAATAACCGGCATCCGTTTTGGAACCTGCGTCTGGGGCTCCAGTCGCTGCTTGTGCGGTCCA
TCGCCCGCTCGGACGGCGTGCATTTTCTCGTCTACGCAGTTCGAGGAGGACCCTAGAAAGCCAGGAG
CTGTGATTGACAGTAGCTGTAGGTTACCAGACGGCAACATTAGAAAGTGATTGTAATAACATGCAACC
TAAGTGAATATATTTGTTTCAGTTATAAGATGATTGTTTCACAGAAGCCTTACCCTCTCTGCTTCATC
TAAGAAAACCAATACAAAAACGCCACTTAAATGCTCAGCCCTGCGTTGTGTGTTTTCAGATGAGTTAC
TGTTAACAGGTAGGTTTGTGTAGGCCTTGTGGCACTCTGTACAATTAGTTGCTTATTACGTATGATT
ACTCACAGCGATCTATTGTTCCATATAACCAAAAAGCATGGTTTTATTCAATTGAAACACGGTTGACCTGA
ACTCGTGCCTTAGGAATTAATGCCCCCTTATGGAACCTGCCTGAATTGCACCTGCGGGTGGAGGCTCCG
GCTGTGAAGTCACTGAACAGAACGTCGCTGATGGAGAAAGGGCTCCCGCAGAAGGAAACGGCTGTACCG
TGCGCTCCGGCACAATCGCTCTCTTGTGTCTCACTCACGAAAGAAACAACCTGAAGGCCATCCCGTC
GGTCTGCACGTAACCGTGAAGACGTGTGGCCGCTCCACCTGCGGCTGGGTACCCTGCACCCGGCACT
GTAGGAGTCACGTGCAGCCTTCTCAGGGGACTGTCATTGAAAAGGAAACGTTTGTATGTCTGTGCAGC
TGCTTTGTAGTTAGGAAATAGATCCAATAAAGCCGATTTTTTTGCTGGA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_172387.3](#)

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:

66.2