

Product datasheet for **SC207188**

NFAT2 (NFATC1) (NM_172390) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NFAT2 (NFATC1) (NM_172390) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NFATC1
Synonyms:	NF-ATC; NF-ATc1.2; NFAT2; NFATc
ACCN:	NM_172390
Insert Size:	2000 bp



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Insert Sequence:

>SC207188 3'UTR clone of NM_172390

The sequence shown below is from the reference sequence of NM_172390. 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
GAACATGAGCGCGTGGGGTGCTTTTTCTAAAGACGCAGAAACGACGTCGCCGTAAAGCAGCGTGGCGTG
TTGCACATTTAACTGTGTGATGTCCCGTTAGTGAGACCGAGCCATCGATGCCCTGAAAAGGAAAGGAAA
AGGGAAGCTTCGGATGCATTTTCTTGATCCCTGTTGGGGTGGGGGGCGGGGTTGCATACTCAGATA
GTCACGGTTATTTGCTTCTTGCGAATGTATAACAGCCAAGGGGAAAACATGGCTCTTCTGCTCAAAA
AACTGAGGGGCTCTGGTGTGCATTTGCACCCTAAAGCTGCTTACGGTAAAAGGCAAATAGGTATAGC
TATTTTGCAGGCACCTTAGGAATAAATTTGCTTTTAAAGCTGTAGCTCTGATGTGGTCTTAAAGGAT
GGTGAATGAGCTTTGTGCTGGGCGGACGTCCTCCAGGACTTCTCCAGGGTAACTTCATCTCCTGGGA
CCACGGGCATCCAGGCTGGGCGACCTTCTCTCAACCTGCCTGCCCTCACCCGCGTGGGAATGGCTC
CTTTTCACTCATACAAAAAATAAATCATCTTACCTTTTAACTTTAGGGTGTTTTCTTAAAGA
AAATACCATCCAGTTTGTTCCTCAGTCCCTGAACCAGTAGAAGAGAAAGGCGTCCCCACGCCATCCC
CGGCTTCTTTGTGGGTACAGGCCACTCCCCCAGCTCGGAGAGGACAGAATTAGCAGTCATCCTGAAT
TTACTGTATTTGTGGGTACAGGCCACTCCCCACAGCTCGGAGGGGACAGTTAGCGGTATCCTGAAT
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ATCCTAAGGAAGCCCTTGAATCCCCACGTTACACCAAAGTGTGGGACTCCTTGTTTTATCAGGCAA
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CCTCACGCTCTGGGACCCCCGGGATTGTGGGAAGAGCCTCACGCTCTGGGACCCCCGGGATTGTGGGG
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CCATTCTTGAACAAAGTACAATATATCTTACAGAAGAAAATATTTTATCTTTTTCTGAAAATATAATG
ATTGAGTCTAATTAACCTCAAGCATGGTTGACCAGAAATGAATGTTTTAAAGAAAACCTAGGCCTT
ATAGAGAAGGATTGCTTCCAGAGCAGTGCATTAATTTTTTCTATTTGCTCAGCATGCGGCAGTCCC
CACCGTGGGTTTGAAGCAGCACTGACTTTAGCACAGATCACGTATCTCAGAGGCAGAAAGGGCGTGGCGG
GAGCGTGCCTGCCTTACAGGTGGGAGGTGGCGGCCCCAGGACCGTGGCCACAGCATGAAGCCGGTG
GGGCTGAGCCGCTCCTGTACCTCCAGTCCACACCCACCTGGCAGCCGGCCGCTCCTGTCTACCAGCC
ACACTCTGCCTCGATTGGCCCCGGCTCCCCTCTCAGCATTGTGCCAGCGTGGACATCTCTCTGCA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_172390.3

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:

73.8