

Product datasheet for **SC217151**

NFATC4 (NM_004554) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NFATC4 (NM_004554) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NFATC4
Synonyms:	NF-AT3; NF-ATC4; NFAT3
ACCN:	NM_004554
Insert Size:	1926 bp



[View online »](#)

Insert Sequence: >SC217151 3'UTR clone of NM_004554
The sequence shown below is from the reference sequence of NM_004554. 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
GCACCTCCTGGAGAAGAGCCTCCTGCC TGAACACGTGAACTGTCATCACCTGGCAACCCAGCCCCAG
CCTCAGCCCTGCCCCCTTTCCCTCCTTCCCTGGAGTGGTGGCTACAGAAGCTTGGGGCCAACCTGGCTC
CTCTTTCCCAGCTTCTGTCTGTCTCACTGTCTTCCCTCCCTCCCCAGCTGAGGTGTGGCCCTCAGG
CCTGGTGTGCCTTGGAGGGCTGGGGAAAGGAGTGTGTGGAGGAGGGAGGAGGTGAAGACTGAGGCTA
GGTGCCAGAATGGACTGGAGTGAAGGCGTGTCTAGAGTGTGGGCTGGCTGTTGTGCTGGAAGACTGGGG
ACAGGTTGATGGTAATAAACTGCTCAATGACCAGTGCTTCCAGGCTCCAGAGCTCTTGGAGAGATGGGT
TGGGGCAGCTTACTCCAGCCCTGGCCCAAGGAGGCCAGAAAGTTGAAAGAGATGGAATGTGGCTGGGA
ACATTGCATCCCAAAGAGCTTCTCAGTGGAGGAGCTGGGGAAGGCATGAGGGGGCTCAGAGGCTCCTT
GACTGGGACCAGGATTGGGGGCCAGGGCTTGAGTAGGCCTCTCCACTCTCTCTCTGGGGGTCCAGATT
CCTTAGGAGCTTTGGGATGAGGCCAGGAGGCTGCATTTTTCCAGGTCCTTAGTCTTGCCACCACACAG
ATGATTCTGATTCATAGCCAAGATGAGGACACACTGATGTAGCTGATCTCTATTACAGAGGAGGATT
CTAAAGTTCAGAGAGGGAAAGGGCTTGCCCTGAGGTACAGTAGATAATCAGCAGCACATTGAACGCTGC
ACTCCTGGGCTCCTGTCCCAGCCCCATTAGACACGCTGACTCAGGAGGTCCAGGCCCTAAGGCTT
CTCTCCCTGGAGTGGGGTGGAGGTGAGGGAGAGCTGGCACAAGCCCTCCCTCTGGATCCTCCACTCCT
GGGGATTATGAAGATATTCTGAAAGATTGTGCTTACAGAGTACTGCAGAAAGCAAACAGTCTACC
CAGCAGCTCTGAATGTCACCTGCCCTGGGGCTTACAGCACTATATGAGTTCCTGGCTATCCTGCAAT
ATGCCCATGTGCCTTCTAAATAGCTGTACATCCATCACCAGTACGGGCTGGCCTGGAAACCTGG
TTTGTCCTGTCTTGATGGCCTACGAGAGGCCAAGTTCCACTGGGCTGGGAAAAGTCACTTTGTCTGT
CTTGTTACCTGGAGCCTGACACACCGTAGGACTGAGTACAAATAGCTTGATTTGGCTAGGCTTGCT
GCAGGGGGACGTGCCTAAAAGACATTCCGGGCATTTGCACTTGGGAAACTGCCTCACCTCAGGCTTG
TGGGGCTCTCTATGCCCAATGAGTCCAGGCAGTCTAGCAAGTACTCAGGAGAGCAGGGGTGGGTGTG
ACAGAGGCTGGCTCTGGATTGGGGGACAACAGAACCAGAGTAACTCCTCGCTGTGCTGCTTTGCAAT
GAATTTCTTTACCTTTCTGGAACACAAGCTGCTGTAACCAAAGTATCAAGTGATTAGCTCACCG
GGCCTTGGTTGCTTTCAAAGATCCCCTCAGCCCCCTGCCAGAGTCACTGCCCCATAATCACCATGTC
AGAAGGGACCCTAGGGCATTTCGTGCTCTATTTATCAATCTCAGCACCACCTCTAAGATCTCTGAGAGA
GGGTGGATCAGCCTCTGTGTAACAACAAAAGCTGTTAGGACTTGTGCTCTCAAGGTGGACTATTCTGT
TTTCTGCCAGGACACTGCCATTCATGCATTGTCAGATATTTATTAACAGCAGCAAAGTCCAGCCAAT
TTGTCCTGGAGGAATTCATAGCCTCATGGGGCAAAAGTAAATAAACAGCTTATTACAATTCAA
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_004554.5](#)

Summary:

This gene encodes a member of the nuclear factor of activated T cells (NFAT) protein family. The encoded protein is part of a 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 stimulation and an inducible nuclear component. NFAT proteins are activated by the calmodulin-dependent phosphatase, calcineurin. The encoded protein plays a role in the inducible expression of cytokine genes in T cells, especially in the induction of interleukin-2 and interleukin-4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Locus ID:

4776

MW:

70.3