

Product datasheet for **SC203376**

NFAT1 (NFATC2) (NM_001136021) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NFAT1 (NFATC2) (NM_001136021) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NFATC2
Synonyms:	NFAT1; NFATP
ACCN:	NM_001136021
Insert Size:	2000 bp



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Insert Sequence:

>SC203376 3'UTR clone of NM_001136021

The sequence shown below is from the reference sequence of NM_001136021. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CACCTTAGCTGGATACAAAACATATTATGAACAGAATGACTGTGATCTTTGATCCGAGAAATCAAAGT
TAAAGTTAATGAAATTATCAGGAAGGAGTTTTTCAGGACCTCTGCCAGAAATCAGACGTAAGAAGGCC
ATTATAGCAAGACACCTTCTGTATCTGACCCCTCGGAGCCCTCCACAGCCCTCACCTTCTGTCTCCTT
TCATGTTTCATCTCCAGCCCGGAGTCCACACGCGGATCAATGTATGGGACTAAGCGGACTCTACTTA
AGGAGCTCGCCACCTCCCTCTAAACACCAGAGAGAACTCTTTTTCGGTTTATGTTTTAAATCCCAGA
GAGCATCTGGTTGATCTTAATGGTGTTCGTCCTAAATAGTAAGCACCTGCTGACCAAAAGCACATTCT
ACATGAGACAGGACACTGAACTCTCTGAGAACAGAGTACTGGAGCTTGGGGGATGGACGGGGGAC
AGAAGATGTGGGCACTGTGATTAACCCAGCCCTTTCGTTTCGTTTTCAGGTCACAGATACAGCTCC
TGTAACCTTTGAAGGCAAGGAGTTCTCAGAGCAACCAAGGAACGTGACCAAGAGCCAGCTTACAGG
CTGAAGAAACCCAAAACCTCGATAGAGACAGAACTGAACTGTCAAGTCTTAGAGCTCGCCAGTCCA
TGCCCAACTGGGCCACAGCTAAAGCTTTATTTTGAATTCTCATTCCAAAACAAAAGTCTTGGCCA
GACAAGATCACCTGTTAAGACTTCTTGGCGTTAAGTTATGACATGTATACGCTTTGTTATTATTTT
TTTCTGCTTTAAAGGCTGACCAGGGCACCTAGCCCTGGAGCTGTCTTGGCGAGCTGTTCTTTAACCC
TGCAGCACGCAGTCTGCTAACACAATTTCCATAGACTGGGGGGCTGACCCAGGCTGCAGAGAGCAAG
CACCTGTCTGCTGCAGCTGTACAACCTGGATGCTTGAAGGTTCCGGCTTGCTTTCTTCTAGCAGCC
AGAGTGTCTTTCGGTAAAGCGGTGGAGAATCTCAAGCATGTGATTTAATTGAGGAATAGCAGAAGGGC
TAAAGCAACCAAGAAAAGAGTGTGGGTATTTTTGTTAAGTAAAACAGCCCAAGTCTTCTGGAGGTGG
GTTTCTACCAAGATAGAGGAAAAGGGCTGAATTCCTCTAAGTGGGACAGCCGAGCTCAGGATGTGCTT
CCCAGTTCAGTGGTTAATTTGACCTGAACCTATTTAAAGATCCCTTCTGCCCTGAAGACCTATCCGC
ACTCAAATTTAATGAAGAAATCTACTCGAATGCATCCTTTACTTTGAATGAGCTCTATTGCGTTGC
ATGTTATATGTGATTTCTTCTCCCACTGTTTCCACTGAGCGCACCCAGTCTCCCTAGTCTTCTC
TGTGGGTGTGATTTTGTGATTTTACAAACAAAACCTTGAAGTCTTGGCAGATGTGTTTGTCTG
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ATAATCCGAGCAAGTGAATAATTTAGCACTCAGACTGTACTTAGAGTGTCTTCTCAGTCCAGTC
TGTAACAGTCTGTAGGCAGAAGGCCTCAGAAGAAAGTCATGGCCACTCAGTGCCCACTGTGGGCTTTGTA
AGTCTGGCTCTCCCGTCAAGGTTACCCAGAGGTAAGGTTCCCTGGGAGTGGGGCCAGGTGTGTTGG
CACTCCAGATAGAAGGCAAAATGCTCAGATTCGGGCTGTGCACTTGTATGCAACCTGTCCGTCGATAC
CTAGCATTTATTTTCCCTGACAATGAACGACCTTTCCCTCACCCACCCTAAGCTCAAAGAGTTTAGCA
AAATTTCTTTTAAATAAACAGAATGCCAGTAAGAGGTTGACCCCTACCATGGAACCTTCTGGGATGCT
AGCGGACCGACTTACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCAGGATTTTCGATTCCACCGCCG
    
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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_001136021.3

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:

75.1