

Product datasheet for RC200357

NFAT4 (NFATC3) (NM_173165) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFAT4 (NFATC3) (NM_173165) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NFAT4
Synonyms:	NF-AT4c; NFAT4; NFATX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC200357 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGACTACTGCAAACGTGGCGCCACGACGAGCTCGACTTCAAACCTCGTCTTTGGCGAGGACGGGGCGC
CGGCGCCCGCCCGGGCTCGCGCCGTCAGATCTTGAGCCAGATGATTGTGCATCCATTTACATCTT
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TCCAACTGTCAAGAATTAGATGCACATGAAGATGACCTACAGATAAATGACCCAGAACGGGAATTT
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Protein Sequence:

>RC200357 protein sequence
 Red=Cloning site Green=Tags(s)

MTTANCGAHDELDFKLVFGEDGAPAPPPGSRPADLEPDDCASIIYIFNVDPPPSTLTTPLCLPHHGLPSH
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 LERPSRDHLYLPLEPSYRESSLSPSPASSISSRSWFS DASSCESLSHIYDDVDELNEAAARFTLGSPLT
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 DESVSKEQHMI PSPIVHQPFQVTPPPVGSYQPMQTNVYNGPTCLPINAASSQEFDSVLFQQDATLSG
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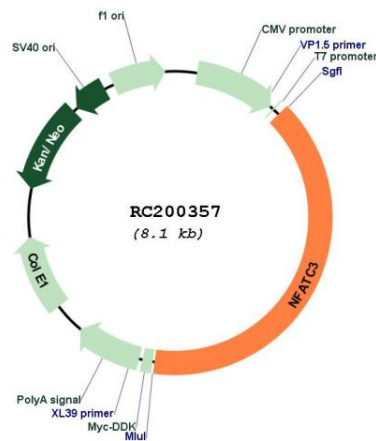
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Chromatograms:

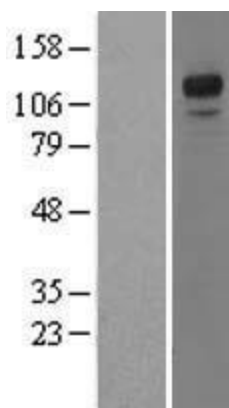
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UniProt ID: [Q12968](#)
Cytogenetics: 16q22.1
Protein Families: Druggable Genome, Transcription Factors
Protein Pathways: Axon guidance, B cell receptor signaling pathway, Natural killer cell mediated cytotoxicity, T cell receptor signaling pathway, VEGF signaling pathway, Wnt signaling pathway
MW: 115.6 kDa
Gene Summary: The product of this gene is a member of the nuclear factors 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. Other members of this family participate to form this complex also. The product of this gene plays a role in the regulation of gene expression in T cells and immature thymocytes. Several transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Nov 2010]

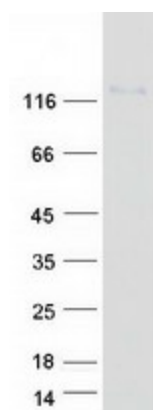
Product images:



Circular map for RC200357



Western blot validation of overexpression lysate (Cat# [LY417912]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC212523] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified NFATC3 protein (Cat# [TP300357]). The protein was produced from HEK293T cells transfected with NFATC3 cDNA clone (Cat# RC200357) using MegaTran 2.0 (Cat# [TT210002]).