

Product datasheet for MC211477

Nfam1 (NM_028728) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Nfam1 (NM_028728) Mouse Untagged Clone

Tag: Tag Free

Symbol: Nfam1

Synonyms: 4921501M20Rik; Cnaip

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC211477 representing NM_028728
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCCAGGCTACCAAGTTGACACGCCAAGGTGACATCCACCCCAATGTTCAAGTCAAAGAAGGACCTAAGCT
GCAGAATCGAGGACTTCACAAGACTTCAAAGAGATTTGCCTGTTAAGTTGTTTCATACGGATATCCATGG
CCGGAGACGCTGGGAGAAGCAGATTAAGTCCAAACACAGACCTGGCATGGAGAACCATACCAGGGATTGC
ATGGTTAACTCAGCCAGGCAAAACACATCAGCCACAGGCATTTACTACTCATAGTCGAAGGAGAGGAAA
CATATCAGAGCGATGGCGTTGTCTTCTGGTCAGAGACACAGTGTACCAGCCACCTGCATTCAAGGTCCA
GGAGGCTCTGATGCTTGGCTTTACCAGCCTGATGAGCGTCCTGGGTGTGCTGGGCACAGCGCTACTGCTT
TGGAAGAAGAAACAGATATCAGTTCTGGCAAGCACACTGCTAAGACTTGTCTGGTCTCAAATCCACCG
TCGGAACCACAAAGCCTCCAGCAGAATCTGTCTACACGTCCCTACAGCGTCGAGAGACGGAGGTCTACGC
CTGTATGAAGGAAGAGACTGGAAGCCCTGTCTTCAGCCAAAGCCAGCCACCAAGGAGAAGCTGAATAGA
TTTGAGGATGACAACGAATTTAACCTTGCTATGAAAATCTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_028728

Insert Size: 675 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_028728.3 , NP_083004.1
RefSeq Size:	3819 bp
RefSeq ORF:	675 bp
Locus ID:	74039
UniProt ID:	Q8R4V1
Cytogenetics:	15 E1
Gene Summary:	<p>May function in immune system as a receptor which activates via the calcineurin/NFAT-signaling pathway the downstream cytokine gene promoters. Activates the transcription of IL-13 and TNF-alpha promoters (By similarity). May be involved in the regulation of B-cell, but not T-cell, development.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR, contains multiple differences in the coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (d) is shorter and has a distinct N-terminus, compared to isoform a.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>