

Product datasheet for **RG207824**

NFAM1 (NM_145912) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	NFAM1
Synonyms:	CNAIP
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG207824 representing NM_145912
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGAACCAGCCTGTGAGGTGGCGGGCCCTGCCAGGCCTCCACGCCCTCCTGGGCTCCCCGACGCC
CCTGGCTCCTCCTTGGCGTGCTGCTGCTGCCCCGGGACCTGCGACTGGCAGGAGACAGTCAGTGACCCA
CACCGGCTGCCATCATGGCCTCCCTGGCCAACACAGCTATCTCCTTCAGCTGCAGGATCACCTATCCA
TACACTCCCCAATTCAAGGTTTTACAGTCAGCTACTTTCATGAAGATCTCCAGGGACAGAGGAGCCCTA
AGAAGCCAACAACTGCCACCTGGACTGGGCACAGAGAACCAGAGCCACACCTGGACTGCCAGGTCAC
CCTTGTGCTGCCGGGAGCATCGGCCACTGGCACCTACTACTGCTCTGTCCACTGGCCACACTCCACGGTG
AGAGGCAGCGGCACCTTCATCCTGGTCAGAGACGCAGGGTACCGAGAGCCCCGCAGAGTCCACAGAAGC
TCCTGCTCTTTGGCTTACCGGCTCCTGAGTGTCTGAGTGTAGTGGGCACGGCCCTGCTGCTCTGGAA
CAAGAAGCGGATGCGGGTCCAGGGAAGGACCCACCAGGAAGTGCCAGATCCAAGATCTGCCAGCAGC
CCCAAGCAGCATCCTTCAGAATCTGTCTACACAGCTCTGCAGCGCCGCGAGACCGAGGTCTATGCCTGCA
TCGAGAATGAGGATGGCAGCTACCCACCGCCAAGCAGAGCCCCCTCTCCAGGAGAGACCGCATAGATT
CGAAGATGATGGCGAACTTAACCTGGTCTATGAAAATCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence:

>RG207824 representing NM_145912

Red=Cloning site Green=Tags(s)

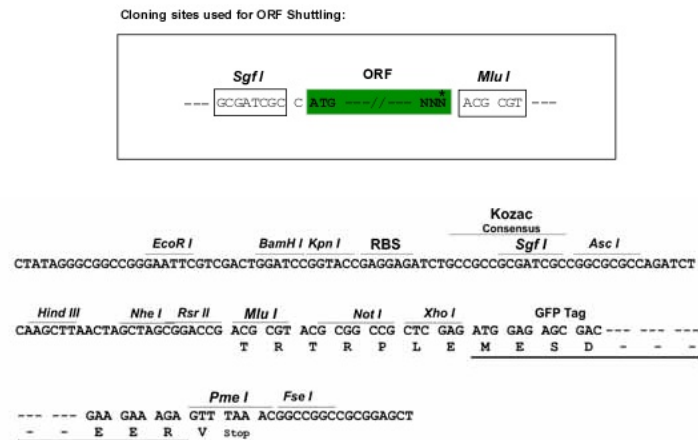
MENQPVWRALPGLPRPPGLPAAPWLLLVGTLRLAGGQSVTHTGLPIMASLANTAISFSCRITYP
YTPQFKVFTVSYPFHEDLQQRSPKKPTNCHPGLGTENQSHLDCQVTLVLPASATGTYYCSVHWPSTV
RSGSGFILVRDAGYREPPQSPQKLLLFGFTGLLSVLVSVGTALLWNKKRMRGPGKDPTRKCPDPRSASS
PKQHPSESVTALQRRETEVYACIENEDGSSPTAKQSPLSQRPHRFEDDGELNLVYENL

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_145912

ORF Size:

810 bp

OTI Disclaimer:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:

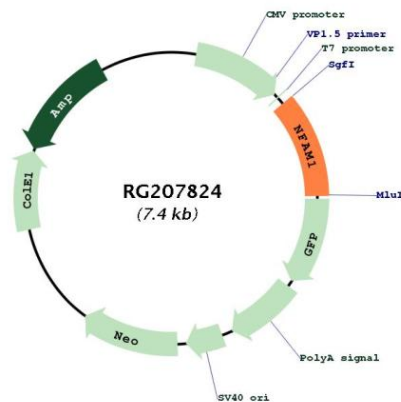
This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:	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:	<u>NM_145912.8</u>
RefSeq Size:	3050 bp
RefSeq ORF:	813 bp
Locus ID:	150372
UniProt ID:	<u>Q8NET5</u>
Cytogenetics:	22q13.2
Protein Families:	Transcription Factors, Transmembrane
Gene Summary:	The protein encoded by this gene is a type I membrane receptor that activates cytokine gene promoters such as the IL-13 and TNF-alpha promoters. The encoded protein contains an immunoreceptor tyrosine-based activation motif (ITAM) and is thought to regulate the signaling and development of B-cells. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG207824