

Product datasheet for **RG237358**

NFIB (NM_001282787) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFIB (NM_001282787) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NFIB
Synonyms:	CTF; HMGIC/NFIB; MACID; NF-I/B; NF1-B; NFI-B; NFI-RED; NFIB2; NFIB3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237358 representing NM_001282787. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGAAC TCGGGGTCAATCTTCAGAGGTCTGTCTTCTCCACCAAGCAGCAAAAGACCCAAA ACTATA
TCCATAGATGAAAATATGGAACCAAGTCTACAGGAGACTTTTACCCCTCTCCAAGTTCACCAGCTGCT
GGAAGTCGAACATGGCACGAAAGAGATCAAGATATGTCTTCTCCGACTACTATGAAGAAGCCTGAAAAG
CCATTGTCAGCTCTGCATCTCCACAGGATTCTCCCAAGACTGAGCACTTTCCCCAGCACCACCAT
CCCGGAATACCTGGAGTTGCACACAGTGCATCTCAACTCGAATCCACCTCCACCTTACCCTGGCCA
TTTCCAACACAAGCTATCCTTCTCCAGCCCCATCGAGCTACTTTCTCATCCAACAATCAGATATCCT
CCCCACCTGAATCCTCAGGATACTCTGAAGAACTATGTACCTTCTTATGACCCATCCAGTCCACAAACC
AGCCAGCCTAACGGCAGTGGTCAAGTAGTAGGAAAGTGCTGGCCATTTCACTCCTGTCTTGGCACCC
TCTCCCCATCCCAGTGCAGTGCACCTGTGACCCTGAGCATGACAGATACTAAACCCATCACTACATCC
ACTGAAGCCTACACAGCCTCAGGCACATCTCAAGCCAATCGATATGTGGGACTAAGCCCAAGAGACCCA
TCCTTCTACATCAGCAACAGCTGAGGATTTGTGACTGGACCATGAATCAAAACGGCAGGCAATTTATAC
CCCAGTACCAGT GAGGATACATTGGGAATTACTTGGCAAAGTCTGGTACCTGGGCTAGCTTGGTTCCCT
TTCCAAGTGTCAAATAGGACACCCATCTTACCGCCAATGTCCAAAATTACGGTTTGAACATAATTGGA
GAACCTTTCCTTCAAGCAGAAACAAGCAAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



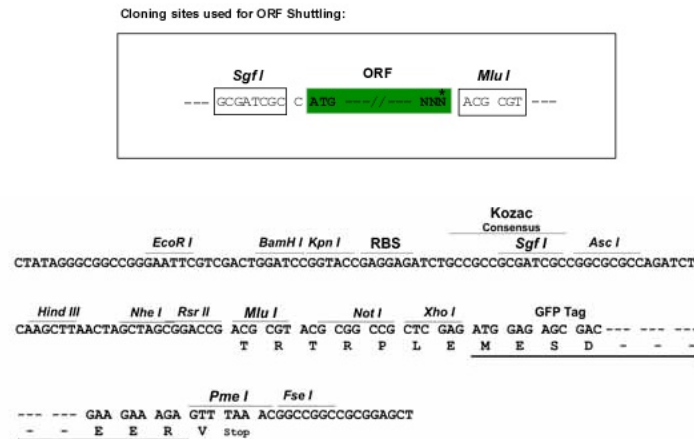
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237358
 Blue=ORF Red=Cloning site Green=Tag(s)

MNSGVNLQRSLSSPPSSKRPKTISIDENMEPSPTGDFYFSPSSPAAGSRTWHERDQDMSSPTTMKKPEK
 PLFSSASPQDSSPRLSTFPQHHPGIPGVAHSVISTRTPPPSPLPFPTQAILPPAPSSYFSHPTIRYP
 PHLNPQDTLKNYVPSYDPSSPQTSQPNGSGQVVGKVPGHFTPVLAPSPHPSAVRPVTL SMTDTKPIITS
 TEAYTASGTSQANRYVGLSPRDP SFLHQQLR ICDWTMNQNGRHLYPSTSEDTLGITWQSPGTWASLVP
 FQVSNRTPILPANVQNYGLNIIGEPFLQAETSN
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001282787

ORF Size: 927 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).

RefSeq: [NM_001282787.1](#), [NP_001269716.1](#)

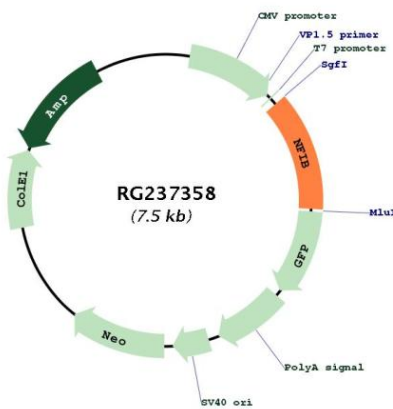
RefSeq Size: 7643 bp

RefSeq ORF: 930 bp

Locus ID: 4781
UniProt ID: [O00712](#)
Cytogenetics: 9p23-p22.3
Protein Families: Druggable Genome, Transcription Factors
MW: 34 kDa

Gene Summary: Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237358