

Product datasheet for **SC127798**

NFIB (BC024316) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFIB (BC024316) Human Untagged Clone
Tag:	Tag Free
Symbol:	NFIB
Synonyms:	CTF; HMGIC/NFIB; NF-I/B; NF1-B; NFI-B; NFI-RED; NFIB2; NFIB3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for BC024316, the custom clone sequence may differ by one or more nucleotides

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AAAATAAAAGGCAGTGAAGGAGACTGTACATAAAGACATGGCAAAAATCTTAATTATAGCAATATAGTTA
TCGGGTAATGTTTCGGGTGGCGAGCTCCATTAATAAATATGTGAATGAATCTGTGAAGCTGCAAGTAGCGA
GAAGAGCGAAAGTCTTCTTAATGAACCGCTACCTTGTAGACAGTAATTTGTACTGTATAGTTTTGT
TAAGAATTTTTTTAAATTAATAATCCCATGTTTGTAAAGCTAACTTTTTAAACAATTATAATGGAACAT
ATGTTGTTCCATTTTTAAAGTAAACAAGAATATTCCTTGTTTAGAGACTGGACTTGAGTTAAAACCTCTC
CAGTCTCTTAAGTTATGTATTAATAAAGAAAATCTGTCCATGTTAGGAGTTATTTACAGATTCTGTGCT
TGAAAAGCATAGGATACTAATCCTTTAAAAAGTGAATGGAGAAAAGTTATATTTTATGAAGTTATT
TTGTTGTATTTAGTATTGGAAAAGTTGGTTCCAGAGCATTTCAGAATGTCGAAGCACCCTGTCTTTTT
ATTAGTATATACGGCCTTAGCAAAAAGTTTTGTGATTGTACGTGATGGTATTTAAGGTTAAGTTTCAC
AGAGCATTGAGGATAGGCAGAAAACAAAACAGTCTATGTCTCACATAACGTGCTCCTCAGGAGCAGAA
TCTTGGATTTGTACTTGTAGTTCATAAGGACTCAACGAAAGAGATTGCACAGGGACATCTTCAGCGGT
GTGACAGCAGGACATGTTCTTTACCTAGATTCAAATTCATGTACTGTGTGAAATGATGAAGGCTGCAGA
AAGTTATCCCATATTCAGTGTACAGTATTCATTTTTAATGAAACAACCTACAATATTGCTGGCAGATAG
GCCCAAGCATGACATCAATATAGTTTACATGTTCTGTCAAGGTCTTTTGTTAACATTAACCAGCTGC
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GCCAAAACCTATTGCCATGACAACCTCTTTGACTGTGCGGTGCCACAGATCTGTTGGTCACATTTGTAAT
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AGTAGTTTTTTTTTTTTAATAATAAAGGGTTCACTAGTTAATACTCTAGAAATATCTGTGTGTTGCAA
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TTGATGACTTATTGCATGATACAGTACCAGGAACAACAGGTGGCCTAAATACATGAAAAGCAGTGAAGC
TAGTGACACTAAAGCCAGTCTTGTATTACTGTATTTTGCAGAAATGGTTTTGAAAACCTGTCTACAGG
ACTGATGTGGCAAATATCTCTTTATGCAGAAGGAAGTCTTTTTTTTTCTTTTTTTTTTTAAGAAGT
ATGGCTTTTTATGCATCCTTCATCGAGGGCATTGAAGTTGCATGGACTGATAAAAGTTGATGCAAAACAA
GAAAGAAACAAACAAAAAACCAGCAAAATGTTTACCAAAAACCTCAAACAATGAGCAGTGCCTG
TTCAATTTACAGTCTCTGTTGAGTTCAGTTGTAATATGTTTCAAATGACATTTCTTGGGAAAAA
TCTCTACAACATTGTAGAATGTGAGGGTAACACATCCCAGGCATAGGTTTCTCAAAGCTGCAGTAGAT
TATGTCTTCATCAAGCTGTTAATTTGTGCTTATATCATATAGAACTTTTAGCATCCTGGGAAGAGCTGCC
CCCACCTCAATGATATTTCTCTGAGAACAACCTTTGTAGGACTGTGTGTTCTTTAGATACATTTAGTAC
AACTGTAGGTGACGAGTAGTCAGTTATTGCTTGCTAGCTACACACCAGGGTTGATCCATTTAAAACCTT
TGGCATTTTGCCTCATGGGCCATAAATACAGAACCTTGATTTTAATTAATTTTTTACAAAAGGAGG
CACATGCACAATCTCCATGTAACAAACCTTTAGCAGTAGGATGTATTATACGACAGTACTTAATTTCTA
GAGTTCAGGCCTCTGGGATCAACCCAGACTGGGCCAGAATGTTAGTGAAGTTTTATTGTGCCCGGTTG
GAGGATAACGTTCTTTGGGTACTTTTTGTGGTTGCAAATGAACCTCAATTGCCACAAGTTTTAAACTGGT
GTAATCAAGCTTGACTTAATGTGATTGTACTGTTATATCCAGCCTATACTGCTAGCAGCTGCTCATA
TGACAGTCAATTAAGCGGATATATTTCTATGCAAAAACCTTTAAACAATAAATGAGCTATGCT
ACAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC024316 unedited TGTATACGACTCTATAGCGCGCCGTCATGNACTGATAAAAGTTGATGCAAAACAAG AAAGAAACAAACAAAAAAAAAAAAACCAGCAAAATGTTTACCAAAAACTCAAACAATGA GCAGTGCTGTCAATTTACAGTCTCTGTTGAGTTCAGTTGAAATATGTTTCAAATGA CATTTTCTTGGGAAAAAAAAATCTCTACAACATTGTAGAATGTGAGGGTAACTACATCCC AGGCATAGGTTTCTCAAAGCTGCAGTAGATTATGTCTTCATCAAGCTGTTAATTTGTGCT TATATCATATAGAACTTTTAGCATCCTGGGAAGAGCTGCCCCACCTCAATGATATTTCT CTGAGAACAACCTTTGTAGGACTGTGTTTCTTTAGATACATTTAGTACAACCTGTAGGT GACGAGTAGTCAGTTATTGCTTGCTAGTACACACCAGGTTGATCCATTTTAAAACTTT TGGCATTGCTCCTCATGGGCCATAAATACAGAACCTTGATTTTAAATTAATTTTAAAA CAAAAGGAGGCACATGCACAATCTCCATGTAACAAACCTTTAGCAGNANGGATGTATTAT ACCGACAGTTACTTACTNNCTAGAGNTCAGGCCTCTGGGGATCAACCCAGACTGGGCC AGAANTGTNNNGGAAGGNNTTATTGTGCCCGTTGAGGAAAAACGCTCTTTTGGTACT TTTGGGGGGGGTCAATGAACTCAATGCCACAGTNTAACTGGTGTAATCAGCTGAC TATGGGGGATGGGTACTGGTATTCCAGCCTTACTGCTAGCACTGCTACCTCAGTCATA CTGGGAGCGGTATTTTCTAGCAAAAACTGTTAACATAAATGGGCCTTGCTCCGNNAAN NNNNNNNNNNNANAAAAAANAAAACTCCTTATGGGGCGGNTTATATGTT
Restriction Sites:	NotI-NotI
ACCN:	BC024316
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.
RefSeq:	BC024316.1
RefSeq Size:	2677 bp
RefSeq ORF:	2677 bp
Locus ID:	4781
Cytogenetics:	9p23-p22.3
Protein Families:	Druggable Genome, Transcription Factors
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]