

Product datasheet for SC332115

NFIC (NM_001245004) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NFIC (NM_001245004) Human Untagged Clone
Tag: Tag Free
Symbol: NFIC
Synonyms: CTF; CTF5; NF-I; NFI
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332115 representing NM_001245004.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTATTCGTCCTCCCGCTCTGCCTCACCCAGGATGAGTTCCACCCGTTTCATCGAGGCCCTGCTGCCTCAC
GTCGCGCCTTCGCTACACCTGGTTCAACCTGCAGGCGCGGAAGCGCAAGTACTTCAAGAAGCACGAG
AAGCGGATGTGCAAGGACGAGGAGCGTGCAGTCAAGGACGAGCTGCTGGGCGAGAAGCCCGAGGTCAG
CAGAAGTGGGCGTCGCGGCTGCTGGCCAAGCTGCGCAAGGACATCCGGCCGAGTGCCGCGAGGACTTC
GTGCTGAGCATCACCGGCAAGAAGGCGCCGGGCTGCGTGTCTCCAACCCGACCAGAAGGCAAGATG
CGGCGCATCGACTGTCTCCGGCAGGCGGACAAGGTGTGGCGGCTGGACCTGGTCATGGTCATCTGTTC
AAGGGCATCCCGCTGGAGAGCACCGACGCGGAGCGCTGGTCAAGGCTGCGCAGTGCAGTACCCGCTC
CTGTGCGTGCAGCCGACCCACATTGGCGTGGCCGTCAGGAGCTGGACCTCTACCTGGCCTACTTCGTG
CGTGAGCGAGATGCAGAGCAAAGCGGAGTCCCGGACAGGGATGGGCTCTGACCAGGAGGACAGCAAG
CCCATCACGCTGGACACGACCGACTTCCAGGAGAGCTTTGTACCTCCGGCGTGTTCAGCGTCACTGAG
CTCATCCAAGTGTCCCGGACACCCGTTGGTACTGGAACAGGACCCAACTTCTCCCTGGGGGAGCTGCAG
GGGCACCTGGCATAACGACCTGAACCCAGCCAGCACTGGCCTCAGAAGAACGCTGCCAGCACCTCCTCC
AGTGGGAGCAAGCGGCACAAATCGGGCTCGATGGAGGAAGACGTGGACACGAGCCCTGGCGGCGATTAC
TACACTTCGCCCAGCTCGCCCACGAGTAGCAGCCGCAACTGGACGAGGACATGGAAGGAGGCATCTCG
TCCCCGTTGAAGAAGACAGAGATGGACAAGTCAACATTCAACAGCCCGTCCCCCAGGACTCTCCCCGC
CTCTCCAGCTTACCCAGCACCCGCGCCGTCATCGCCGTGCACAGCGGATCGCCCGGAGCCACAC
CCGTCCTCCGCTCTGCATTTCCCTACGACGTCCATCTACCCAGACGGCCTCCACCTACTTCCCCAC
ACGGCCATCCGCTACCCACCTCATCTCAACCCAGGACCCGCTCAAAGATCTTGTCTCGCTGGCCTGC
GACCCAGCCAGCCAGCAACCTGGACCGCTACTCTCCGCCGACAGTCCCTGCAAACCGTTTCTTTG
TGGGATTAG
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001245004
Insert Size: 1320 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.
RefSeq:	<u>NM_001245004.1</u>
RefSeq Size:	7909 bp
RefSeq ORF:	1320 bp
Locus ID:	4782
UniProt ID:	<u>P08651</u>
Cytogenetics:	19p13.3
Protein Families:	Transcription Factors
MW:	48.9 kDa
Gene Summary:	<p>The protein encoded by this gene belongs to the CTF/NF-I family. These are dimeric DNA-binding proteins, and function as cellular transcription factors and as replication factors for adenovirus DNA replication. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (3) lacks an exon in the 3' coding region compared to variant 1. This results in a frame-shift, and a shorter isoform (3) with a distinct C-terminus compared to isoform 1. 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>