

Product datasheet for **SC326007**

Nuclear Factor 1 (NFIA) (NM_001134673) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nuclear Factor 1 (NFIA) (NM_001134673) Human Untagged Clone
Tag:	Tag Free
Symbol:	Nuclear Factor 1
Synonyms:	BRMUTD; CTF; NF-I/A; NF1-A; NFI-A; NFI-L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001134673 edited
 ATGTATTCTCCGCTCTGTCTCACCCAGGATGAATTTTCATCCTTTTCATCGAAGCACTTCTG
 CCCACGTCGGAGCCTTTGCCTACACATGGTTCAACCTGCAGGCCCGAAAACGAAAATAC
 TTCAAAAACATGAAAAGCGTATGTCAAAAAGAAGAAGAGAGAGCCGTGAAGGATGAATTG
 CTAAGTGAAAACAGAGGTCAAGCAGAAGTGGGCATCTCGACTTCTGGCAAAGTTGCGG
 AAAGATATCCGACCCGAATATCGAGAGGATTTTGTCTTACAGTTACAGGGAAAAACCT
 CCATGTTGTGTTCTTTCAACCCAGACCAGAAAGCAAGATGCGAAGAATTGACTGCCTC
 CGCCAGGCAGATAAAGTCTGGAGGTTGGACCTTGTATGGTGATTTTGTAAAGGTATT
 CCGCTGGAAGTACTGATGGCGAGCGCCTGTAAAGTCCCACAATGCTCTAATCCAGGG
 CTCTGTGTCCAACCCATCACATAGGGTTTCTGTTAAGGAACTCGATTTATATTTGGCA
 TACTTTGTGCATGCAGCAGATTCAAGTCAATCTGAAAGTCCCAGCCAGCCAAGTGACGCT
 GACATTAAGGACCAGCCAGAAAATGGACATTTGGGCTTCCAGGACAGTTTGTACATCA
 GGTGTTTTTGTGTCAGTACTGAGCTAGTAAGAGTGTACAGACACCAATAGCTGCAGGAACT
 GGCCCAATTTTTCTCTCTCAGATTTGGAAAGTTCTTCACTACAGCATGAGTCCAGGA
 GCAATGAGGAGGTCTTTACCCAGCACATCCTCTACGAGCTCCACAAGCGCCTCAAGTCT
 GTGGAGGATGAAATGGACAGTCTGGTGGAGGAGCCATTTATACAGGCCAAGGGCGCTCC
 CCAGGAAGTGGCAGTCAGTCAAGTGGATGGCATGAAGTGGAGCCAGGAATGCCATCTCCA
 ACCACACTGAAGAAGTCGAGAAGTCTGGTTTCAGCAGCCCTCCCTTTCACAGACCTCC
 TCCCTGGGAACGGCGTTACACAGCATCACCGACCTGTCAATTACAGGACCCAGAGCAAGT
 CCGCATGCAACACCATCGACTCTTCATTTCCCGACATCACCCATTATCCAGCAGCCTGGG
 CCTTACTTCTCACACCCAGCCATCCGCTATCACCTCAGGAGACGCTGAAAGAATTTGTC
 CAACTTGTCTGCCCTGATGCTGGTCAAGCAGGCTGGACAGGTGGGTTCTCAATCCCAAT
 GGGAGCAGCCAAGGCAAGGTGCACAACCCATTCTTCCCACCCCAATGTTGCCACCGCCA
 CCGCCACCACCGATGGCCAGGCTGTGCCTCTGCCGTTGCCAGACACAAAGCCTCCAACC
 ACGTCAACAGAAGGAGGTGCAGCCTCCCCACGTACCAACCTACTCGACACCCAGCACC
 TCCCCCGAAACCGATTGTCAGTGTGGACCACGGGATCCAAGCTTTGTAATATCCCT
 CAACAGACACAGTCTGTACCTGGGATAA



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Restriction Sites:	Please inquire
ACCN:	NM_001134673
Insert Size:	9495 bp
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001134673.2</u> , <u>NP_001128145.1</u>
RefSeq Size:	9495 bp
RefSeq ORF:	9495 bp
Locus ID:	4774
UniProt ID:	<u>Q12857</u>
Cytogenetics:	1p31.3
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a member of the NF1 (nuclear factor 1) family of transcription factors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1.</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>