

## Product datasheet for **MR223366**

### **Nfil3 (NM\_017373) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nfil3 (NM_017373) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nfil3
Synonyms:	AV225605; E4BP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR223366 representing NM\_017373  
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
 GCCC

ATGCAGCTGAGAAAAATGCAGACCATCAAAAAGGAGCCCGCACCCCTAGATCCTACCAGCAGCTCAGACA  
 AGATGCTGCTGCTGAACTCTGCCTTAGCTGAGGTGGCCGAGGACCTAGCCTCAGGTGAAGATTTGCTCCT  
 GAACGAAGGGAGCATGGGAAAAACAAATCCTCGGCGTGTCCGAGAAAACGGGAATTCATTCCGGACGAG  
 AAGAAAGACGCCATGTATTGGGAGAAACGGCGGAAAAACAACGAAGCTGCCAAAAGATCTCGGGAGAAGC  
 GCCGCCTCAATGACCTGGTTTTGGAGAACAAGCTGATCGCCCTGGGAGAAGAAAAATGCCACTTTAAAGC  
 TGAGCTGCTCTCCCTGAAATTAAGTTTGGTTAATTAGCTCCACGGCGTATGCCAAGAATCCAGAAA  
 CTCAGTAATCCACAGCTGTCTACTTTCCAGACTACCAGACATCCAAGGCTGCCGTGAGCTCTTTGTGG  
 ACGAGCATGAGCCTGCGATGGTAGCCGGAAGTTGCATCTCAGTCATCAAGCACTCTCCCAGAGCTCGCT  
 CTCGATGTGTCAGAGGTGTCCTCGGTGGAGCACACTCAGGAAAGCCCGCACAGGGAGGCTGCCGGAGC  
 CCTGAGAACAAAGTTCCCTGTGATCAAGCAGGAGCCCGTGGAGTTGGAGAGCTTTGCCAGGGAGGCCAGGG  
 AGGAGCGGGGCACGTATCCACCTCCATCTACCAGAGCTACATGGGAAGCTCTTTCTCCACTTACTCCCA  
 CTCCCCACCCCTCTTGCAGGTCCATGGGTCCACTAGCAACTCCCCAAGAACCTCAGAGGCCGATGAGGGT  
 GTAGTGGCAAGTCTTCTGATGGGAAGACGAACAACAGGTCCCTAAGGGCCCCATCCATTCTCCAGTGG  
 AGCTGCAACGGGTCCACGCCACGGTGGTGAAGTTCCGGAAGTGAACCTTCTGCCTTACCGCACAAAGCT  
 TCGGATTAAGCCAAGGCCATGCAGGTCAAAGTGGAGGCTTTGGACAGCGAGTTGAAGGCATGCAGAAA  
 CTCTCTTACCCCGCCGATGCGATCGCCAAAAGACATTTGACCTGGAGAAACATGGAACCTCGGGTATGG  
 CCCATTCCTCCCTCCCTCTTCTCAGTGCAGGTGACGAACATTCAAGATTGGTCCCTCAAATCGGAACA  
 CTGGCATCACAAGAAGCTGAGCAGCAAACTCAGAGTAGCTTCAAAACAGGTGTGGTGGAAAGTCAAAGAC  
 GGTGGCTATAAGTTTCCGAAGCTGAGAATTTGATTTGAAGCAGGGAATAGCAAATTTATCTGCAGAGG  
 TGGTCTCGCTCAAGAGATTCATAGCCACACAACCGATCTCGGCTTCGGACTCCAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR223366 representing NM\_017373  
 Red=Cloning site Green=Tags(s)

MQLRKMQTIKKEPAPLDPTSSSDKMLLLNSALAEVAEDLASGEDLLLNEGSMGKNKSSACRRKREFIPDE  
 KKDAMYWEKRRKNNEAAKRSREKRRRLNDLVLENKLIALGEENATLKAELLSLKLKFLGISSTAYAQEIQK  
 LSNSTAVYFQDYQTSKAAVSSFVDEHEPAMVAGSCISVIKHSPQSSLSDVSEVSSVEHTQESPAQGGCRS  
 PENKFPVIKQEPVELESFAREAREERTYSTSIYQSYMGSFSTYSHSPPLLQVHGSTSNPRTSEADEG  
 VVGKSSDGEDEQVPGPIHSPVELQRVHATVVKVPEVNPSPALPHKLRIKAKAMQVKEALDSEFEGMQK  
 LSSPADAIAKRHFDELEKHTSGMAHSSLPPFSVQVTNIQDWSLKSEHWHHKLSSKTQSSFKTGVVEVKD  
 GGYKVSEAEENLYLKQGIANLSAEVVSLKRFIATQPISASDSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9075\\_g09.zip](https://cdn.origene.com/chromatograms/mm9075_g09.zip)

**Restriction Sites:**

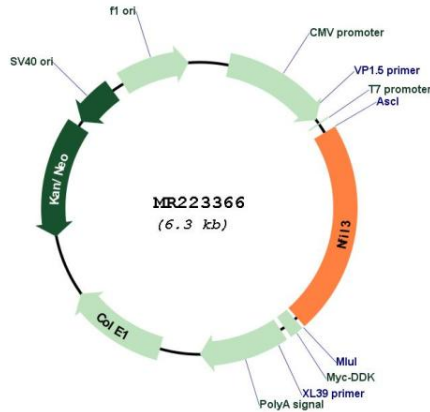
Ascl-MluI



**MW:** 50.9 kDa

**Gene Summary:** The protein encoded by this gene is a transcriptional regulator that binds as a homodimer to activating transcription factor (ATF) sites in many cellular and viral promoters. The encoded protein represses Per1 and Per2 expression and therefore plays a role in the regulation of circadian rhythm. [provided by RefSeq, Feb 2014]

**Product images:**



Circular map for MR223366