

## Product datasheet for **MC201004**

### Ifi204 (BC010546) Mouse Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | Ifi204 (BC010546) Mouse Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | Ifi204                                 |
| Synonyms:                 | Ifi16; p204                            |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)                |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |



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**Fully Sequenced ORF:** >BC010546  
 GCAGGCCACTTCTTGACCCGGTGAAGGTCTCAGGATCTGTACATCACTGCAGAAATATCCAGGAAGGCTC  
 AGCAACAACCTTCAAAGATGGTGAATGAATACAAGAGAATTGTTCTGCTGAGAGGACTTGAATGTATCAAT  
 AAGCATTATTTTGTAGCTTATTTAAGTCATTGCTGGCCAGAGATTTAAATCTGAAAAGAGACAACCAAGAGC  
 AATACACCACGATTGAGATTGCTAACATGATGGAAGAGAAATTTCCAGCTGATTCTGGATTGGGCAAACT  
 GATTGAGTTTTGTGAAGAAGTACCAGCTCTTAGAAAACGAGCTGAAATTTTAAAAAGAGAGATCAGAA  
 GTAACAGGAGAAACATCACTGGAAAAAATGGTCAAGAAGCAGGTCCTGCAACACCTACATCAACTACAA  
 GCCACATGTTAGCATCTGAAAGAGGCGAGACTTCTGCAACCCAGGAAGAGACTTCCACAGCTCAGGCGGG  
 GACTTCCACAGCTCAGGCGAGGACTTCCACAGCTCAGGCGAGGACTTCCACAGCTCAGGAGGGGACTTCC  
 ACAGCCCAGAAAAGAAAAGTATGAGAGAAGAAGAGACTGGAGTAAAAAGAGCAAGGCGGCTAAGGAAC  
 CAGATCAGCCTCCCTGTTGTGAAGAACCACAGCCATGTGCCAGTACCAATACTCCACAGCTCATCTTC  
 GGCTTCATCTAACATTCCTTCGGCTAAGAACCAAAAAATCACACCCAGAATCAGAATATCCCAGAGGT  
 GCTGTTCTCCACTCAGAGCCCTGACAGTATGGTGTCTACTGCAACAGACCCATTTGAATATGAATCAC  
 CAGAACATGAAGTAAAGAACATGCTTCATGCTACAGTGGCTACAGTGAAGCCAGTATTTCCATGTGAAAGT  
 TTTCAACATCAACTTGAAGAAAAGTTCACAAAAAGAATTTTATCATCATATCCAATTACTTTGAGAGC  
 AAAGGCATCCTGGAGATCAATGAGACTTCTCTGTGTTAGAGGCTGCTCCTGACCAATGATTGAAGTGC  
 CCAACAGTATTATCAGAAATGCAATGCAAGTCTAAGATCTGTGATATTTCAAAAGGGTACTTCTGGAGC  
 AGTGTTCATGGAGTGTTCATTTACATACACAAGAAAACAGTGAACCGAAAAGAACACAATCTATGAAATAAA  
 GATGGTTCAGGAAGCATAGAAGTGGTGGGGAGTGGAAAATGGCACAACATCAACTGCAAGGAAGGAGATA  
 AACTCCACCTCTCTGCTTTACCTGAAAACAATTGACAGGCAACCAAAGTTAGTGTGTGGAGAACACAG  
 TTTTCATCAAGATATCAAAGAGAGGAAATGTACCAAAGGAGCCTGCTAAGGAAGAAGATCACCATCATGGT  
 CCCAAACAAGTGTGGTGTGAAAGTAAACAAGCATTACATATGACCTGAAAGAGGATAAAAGAATGT  
 TTCATGCTACCGTGGCTACTGAAACTGAGTTCCTCAGAGTGAAGTTTTTGACACAGCTTAAAGAGCAA  
 GTTCATCCCAAGAAATATCATTGCCATATCAGATTATTTTGGGTGCAATGGGTTTTCTGGAGATATACAGA  
 GCTTCCTGTGTCTGATGTGAACGTTAATCCAACAATGGTTATCTCAAATACACTGAGACAAAAGGCTA  
 ATGCAACTCCTAAAATTTCTTATCTTTTCTCACAAGCAAGGGGGACATTTGTGAGTGGAGAGTACTTAGT  
 AAATAAGAAAACGGAGAGGAATAAATTCATTTACTATGGAATTTGGAGATGATACAGGGAAAATGGAAGTG  
 GTGGTTTATGGAAGACTACCAATGTCAGGTGTGAACCAGGCAGTAAACTAAGACTTGTCTGCTTTGAAT  
 TGACTTCCACTGAAGATGGTGGCAGCTGAGGTCTGTAAGGCACAGTTACATGCAGGTATCAATGCTAG  
 AAAGTGAAGGAAAGCCACTCAACCCAGACTCAGTCGGGAGAACCTCTCTGGAACCATACTTCTGAAAACC  
 TGATGCCAATGATATTTTTTTGTGGAGATAAGATTCAATTACAGAAAATAAATGTGTAGAGCCTATTG  
 AAATATCAGTCTATAAAGACCATCTCTTAATTCTAGGAAATGGTGTCTTATATTCTTTACACATTT  
 TCTATATCTAAATTCATTTGTTGTCTCTATAAATTCTATAAAGTGTCAATTTGCAATTTTATGCCTAAA  
 ACTTATAAAAAATAAATTCACACAATTTCTGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** BC010546

**Insert Size:** 1881 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).

**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:**

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:** [BC010546](#), [AAH10546](#)

**RefSeq Size:** 2296 bp

**RefSeq ORF:** 1881 bp

**Locus ID:** 15951

**Cytogenetics:** 1 80.63 cM

**Gene Summary:** Inhibits the transcription of ribosomal RNA. May inhibit DNA binding by UBTF. Inhibits cell growth via p53/TP53 and RB1-dependent and independent pathways. Acts as a coactivator of RUNX2 during osteogenesis. May be involved in macrophage differentiation. Enables skeletal muscle and cardiac myocyte differentiation by sequestering Id proteins in the cytosol and promoting their ubiquitination and subsequent degradation.[UniProtKB/Swiss-Prot Function]