

## Product datasheet for **MR230005**

### Ifi203 (NM\_001302650) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi203 (NM_001302650) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ifi203
Synonyms:	Ifi203a; Ifi203b; Mndal
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR230005 representing NM\_001302650  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGATGGCTGAATACAAGAATATTGTTCTTCTAAAAGGATTAGAGAACATGGAGGACTATCAGTTTAGGA  
 CAGTCAAGTCCTTACTAAGAAAAGAACTAAAACCTTACTAAAAAATGCAAGAAGATTATGATAGGATTCA  
 GCTGGCGGACTGGATTGAGGACAAGTCCCCAAAGATGCTGGACTAGACAAACTGATAAAAGTGTGTGAG  
 CACATAAAAGATCTTAAAGACCTTGCTAAAAAAGTAAAAACAGAGAAGGCAAAAGTTCAAAAGAAAAAGG  
 AAGGAAAAATGCAAAACGGCTGGGAAAAAAGGGCAAGATGAACTCAGTTCTTCTGAATCTTTTTCAA  
 CAATAAAGAATCAACAAGAGTGTACCGTCTTCAAAGAAAAAGAGAAAACAGATCACAAAAACTGAAGGT  
 GGAAGAAAAAGAAGCTCACCCAGGAGCAGGCTCAGCTCCAGAACTTCAGGAACCAACATAAAAAAAG  
 AGGAAGATTGCCTCCAGAATCCTCATAAGTCTCCACCAACACCATCCAGCAGTTCCTCAAACAAGAAGAA  
 TCCTGTTGTGGCGTCTTCTTGTGGCAAGTCGGGCGTCTACAAGTGGTGCCAAAACCCGGGAACAAGAT  
 ATCTTAAGGCACAAACAAGACCCTCAAGAAAGGAGGATTCAAAACTACATTTTGTGAGAGAATTAAGG  
 CACCAAGGAGAGGAACTGTACCAAAGGAGCCTTCTAGAGAAGAAGGTACCATCAAGTCCCAAAACAAGT  
 GATGGTGTGAAAGTAACAGAACCATTTACATATGACTTTGAAGAAACGAAAAGGATGTTTCATGCTACA  
 GTGGCTACTGAACTGAGTTCTCAGAGTGAAGGTTTTGACACAGCTCTAATGAGCAAGTTCATCCCGAG  
 GAAAGATCATTGCCATATCACATTATATTGGGTGCAATGGGTTTTCTGGAGATACACAGAGCTTCTGTGT  
 GTCCGATGTGAACATTAACCCAACAATGATTATCTCAAATACACTGAGTGAAGTGTCTATTGCAACTCCA  
 AAAATTTCTTATCTTCTCACAAAGCAAGGGGACATTTGTAATGGAGAATTTGTAGTATTTAAGAAAA  
 GTGAGAGGCATGAGTGCATTTGCTATGGAATTGGAGATGATACAGGAAAAATGGCAGTGGTGGTTTTATGG  
 ACGACTACCAATGTCAAGTGTGAACCGGAGTAACTTAGACTTGTCTGCTTTGAATTGACTTCCACT  
 AAAGATGTGTGCCTCCTGAGGTCTGTAAGGCACAGTTACATGCAGTTCATCAATGAAGGAAAGCCACTCA  
 ACCCAGACTCAGTCAGGAGAACTCTCTGGAACCATACTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR230005 representing NM\_001302650  
 Red=Cloning site Green=Tags(s)

MMAEYKNIVLLKLENMEDYQFRTVKSLLRKELKLTKKMQEDYDRIQLADWIEDKFPKDALDKL IKVCE  
 HIKDLKDLAKKLKTEKAKVQKKKEGKCKTAGKKKGQDELSSESLFNNKESNKSVPSSKKKRKQITKTEG  
 GKKKKL TQEQAQLPETSMTNIIKKEEDCLQNPSPPTPSSSSSNKKNPVVASFLLASRASTSGAKTREQD  
 ILRHKQRPSPKGGFKTTFCERIKAPRRGTVPKEPSREEGHHQPKQVMVLKVTPEFTYDFEETKRMFHAT  
 VATETEFVRVVFDTALMSKFIIPGKIIAISHYIGCNLFLEIYRASCVSDVINPTMIIISNTLSESAIATP  
 KISYLLSQAQKGFVNGEFVVFKKSERHECICYGIGDDTGKMAVVVYGRLTNVRCEPGSKLRLVCFELTST  
 KDVCLLRSVRHSYMQVINEGKPLNPDSVRRNSLEPYF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_001302650

**ORF Size:** 1371 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [NM\\_001302650.1](#), [NP\\_001289579.1](#)

**RefSeq Size:** 3620 bp

**RefSeq ORF:** 1374 bp

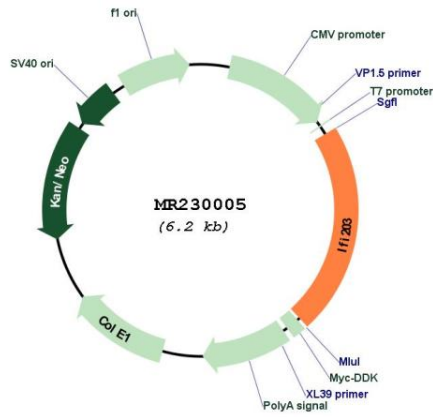
**Locus ID:** 15950

**UniProt ID:** [O35368](#)

Cytogenetics: 1 80.76 cM

MW: 51.7 kDa

**Product images:**



Circular map for MR230005