

Product datasheet for **MR216495**

Ifi203 (NM_001045481) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi203 (NM_001045481) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ifi203
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR216495 representing NM_001045481
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGGCTGAATACAAGAATATTGTTCTTCTAAAAGGATTAGAGAACATGGAGGACTATCAGTTTAGGA
 CAGTCAAGTCCTTACTAAGAAAAGAACTAAAACCTTACTAAAAAATGCAAGAAGATTATGATAGGATTCA
 GCTGGCGGACTGGATTGAGGACAAGTCCCCAAAGATGCTGGACTAGACAACTGATAAAAGTGTGTGAG
 CACATAAAAGATCTTAAAGACCTTGCTAAAAAAGTAAAAACAGAGAAGGCAAAAGTTCAAAAAGAAAAGG
 AAGGAAAATGCAAAACGGCTGGGAAAAAAGGGCAAGATGAACTCAGTTCTTCTGAATCTTTTTCAA
 CAATAAAGAAATCAACAAGAGTGTACCGTCTTCAAAGAAAAGAGAAAACAGATCACAACAACTGAAGGT
 GGAAGAAAAGAAAGCTCACCCAGGAGCAGGCTCAGCTCCAGAACTTCAGGAACCAACATAAAAAAG
 AGGAAGATTGCCTCCAGAATCCTCATAAGTCTCCACCAACACCATCCAGCAGTTCCTCAAACAAGAAGAA
 TCCTGTTGTGGCGTCTTCTTGTGGCAAGTCGGGCGTCTACAAGTGGTCCAAAACCCGGGAACAAGAT
 ATCTTAAGGCACAAACAAGACCCTCAAGAAAAGGAGGATTCAAACTACATTTTGTGAGAGAATTAAGG
 CACCAAGGAGAGGAACTGTACCAAGGAGCCTTCTAGAGAAGAAGGTACCATCAAGTCCCAACAAGT
 GATGGTGTGAAAGTAACAGAACCATTTACATGACTTTGAAGAAACGAAAAGGATGTTTCATGCTACA
 GTGGCTACTGAACTGAGTTCTCAGAGTGAAGGTTTTGACACAGCTCTAATGAGCAAGTTCATCCAG
 GAAAGATCATTGCCATATCACATTATATTGGGTGCAATGGGTTTTCTGGAGATACACAGAGCTTCTGTGT
 GTCCGATGTGAACATTAACCCAACAATGATTATCTCAAATACACTGAGTGAAGTGTCTATTGCAACTCCA
 AAAATTTCTTATCTTCTCACAAGCAAGGGGACATTTGTAATGGAGAATTTGTAGTATTTAAGAAAA
 GTGAGAGGCATGAGTGCATTTGCTATGGAATTGGAGATGATACAGGAAAAATGGCAGTGGTGGTTTATGG
 ACGACTACCAATGTGAGGTGTGAACAGGACGTAACCTTAGACTTGTCTGCTTTGAATTGACTTCCACT
 AAAGATGTGTGCCTCCTGAGGTCTGTAAGGCACAGTTACATGCAGGTCATCAATGAAGGAAAGCCACTCA
 ACCCAGACTCAGTCAGGAGAACTCTCTGGAACCATACTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR216495 representing NM_001045481
 Red=Cloning site Green=Tags(s)

MMAEYKNIVLLKLENMEDIYQFRTVKSLLRKELKLTKKMQEDYDRIQLADWIEDKFPKDAGLDKLIKVCE
 HIKDLKDLAKKLTAKAKVQKKKEGCKTAGKKKGQDELSSSESLFNNKESNKSVPSSKKRQITKTEG
 GKKKKL TQEQAQLPETSNTIKKEEDCLQNPSPPTSSSSSNKNPVVASFLASRASTSGAKTREQD
 ILRHKQRP SRKGGFKTTCERIKAPRRGTVPKEPSREEGHHQGPQVMVLKVTEPFYDFEETKRMFHAT
 VATETEFFRVKVFDTALMSKFIPGKIIAISHYIGCNLFLEIYRASCVSDVNINPTMIIISNTLSESAIATP
 KISYLLSQAKGTFVNGEFVVFKKSERHECICYGIGDDTGKMAVVVYGRLTNVRCEPGSKLRVLCFELTST
 KDVCLLRVSRHSYMQVINEGKPLNPDSVRRNSLEPYF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001045481

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_001045481.1](#), [NP_001038946.1](#)

RefSeq Size: 3633 bp

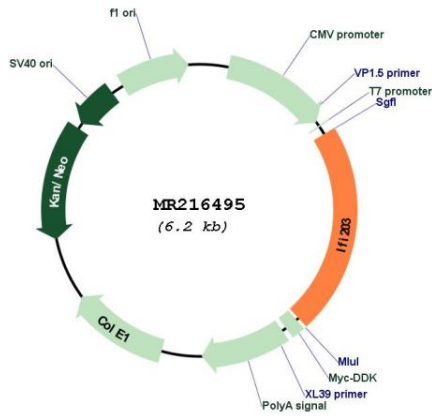
RefSeq ORF: 1374 bp

Locus ID: 15950

Cytogenetics: 1 80.76 cM

MW: 52.2 kDa

Product images:



Circular map for MR216495