

Product datasheet for **MG216495**

Ifi203 (NM_001045481) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi203 (NM_001045481) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ifi203
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG216495 representing NM_001045481 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGAATACAAGAATATTGTTCTTCTAAAAGGATTAGAGAACATGGAGGACTATCAGTTTAGGACAG
TCAAGTCCTTACTAAGAAAAGAATAAACTTACTAAAAAATGCAAGAAGATTATGATAGGATTCAGCT
GGCGGACTGGATGGAGGACAAGTCCCCAAAGATGCTGGACTAGACAACTGATAAAAGTGTGTGAGCAC
ATAAAAGATCTTAAAGACCTTGCTAAAAAATTTAAACCGAGAAGGCAAAAGTTCAAGAGAAAAAGAAAG
GAAAATGCAAAAACGGCTGGGAAAAAAGGTCAAGATGAATCAGTTCCTCCGAATCTCTTTTCATCAA
TAAAGAATCATACAAGAGTGTACCGTCTTCAAAGAAAAAGAGAAAACAGATCACAAAAACTGAAGGTGGA
AAGAAAAAGAAGCTCACCCAGGAGCAGGCTCAGCTCCAGAACTTCAGGAACCAACATAAAAAAGAGG
AAGATTGCCTCCAGAATCCTCATAAGTCTCCACCAACACCATCCAGCAGTTCCTCAAACAAGAAGATCC
TGTTGTGGCGTCTTCTTGTGCAAGTCAAGGCTCTACAAGTGGTGCCAAAACCCGGGAACAAGACATC
TTAAGGCACAACAAGACCCCTCAAGAAAGGGAGGATTCAAACACTACATTTTGTGAGAGAATTAAGGCAC
CAAGGAGAGGAAGTGTACCAAAGGAGCCTTCTAGAGAAGAAGTCAACATCAAGGTCCCAAACAAGTGT
GGTGTGAAAGTAAACAGAACCATTTACATATGACTTTGAAGAAACGAAAAGGATGTTTCATGCTACAGTG
GCTACTGAAACTGAGTTCCTCAGAGTGAAGTTTTTGTACAGCTCTAATGAGCAAGTTCATCCCAGGAA
AGATCATTGCCATATCACATTATATTGGGTGCAATGGGTTTCTGGAGATATACAGAGCTTCTGTGTGTC
CGATGTGAACATTAACCCAACAATGATTATCTCAAATACACTGAGTGAAGTGCTATTGCAACTCCAAAA
ATTTCTTATCTTCTCACAAGCAAAGGGGACATTTGTAATGGAGAATTTGTAGTATTTAAGAAAAGTG
AGAGGCATGAGTGCATTTGCTATGGAAATGGAGATGATACAGGAAAAATGGCAGTGGTGGTTATGGACG
ACTCACAATGTCAGGTGTGAACCAGGCAGTAACTTAGACTTGTCTGCTTTGAATTGACTTCCACTAAA
GATGTGTGCCTCTGAGGTCTGTAAGGCACAGTTACATGCAGGTCAATGAAGGAAAGCCACTCAACC
CAGACTCAGTCAGGAGAACTCTCTGGAACCATACTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG216495 representing NM_001045481
 Red=Cloning site Green=Tags(s)

MAEYKNIVLLKLENMEDYQFRVTVKSLLRKEKLTKKMQEDYDRIQLADWMEDKFPK DAGLDKLIKVCEH
 IKDLKDLAKKLTAKVQEKKKGKCKTAGKKKGQDELSSSESLFINKESYKSVSPSKKKRKQITKTEGG
 KKKKL TQEQAQLPETS GTNIKKEEDCLQNP HKS PPTPSSSSSNKKNP VVASFLLASQASTSGAKTREQDI
 LRHKQRP SRKGGFKTTF CERIKAPRRGTVPKEPSREEGHHQGPQVMVLKVTEPF TYD FEETKRMFHATV
 ATETEFFRVKVFDTALMSKFI PGKIIAISHYIGCNGFLEIYRASCVSDVNINPTMII SNLSESAIATPK
 ISYLLSQAKGTFVNGEFVVFKKSERHECICYGIGDDTGKMAVVVYGR LTNVRCEPGSKLR LVC FELTSTK
 DVCLLSVRHSYMQVINEGKPLNPDSVRRNSLEPYF

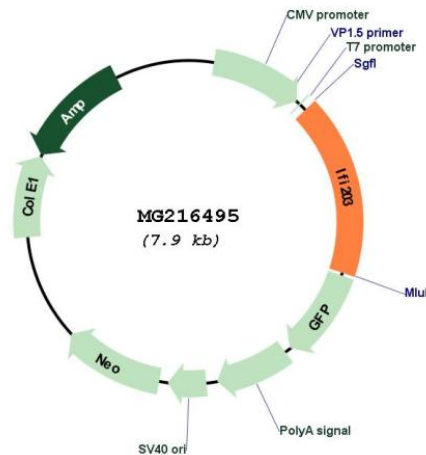
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



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