

## Product datasheet for **RR203653**

### Ifi27 (NM\_203410) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ifi27 (NM\_203410) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ifi27  
**Synonyms:** Ifi27l; Ifi27l1; IRG1; isg12(a)  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR203653 representing NM\_203410  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCATTGTCTGGCACAGGTACGCTGGTGGCTTCTATTGCCTCCAAGGTGGCATCTTCAGTGGCCGTGG  
 TCAAAGCCGGAGGGCGGTATCCAGCACCATCCTAGCTAGCTCACAGGGCTCAACTTGTAGCCCAGAC  
 TGCCTGGGCTCTGGAGCTTCTGCACTTGGATCTGCATTGGGAGCACTGAAGGCTGGCACCGTTTTATCC  
 AGCTCCCTGCCTCCGCCTTGGCTGTTGCCCATTTGGAGTCAAGACTGCTGTCGCCATGCTTGGGGGAG  
 CCGTGACAGTAGCTGCGTTCCACCTGTGCTGAGTGCCGTGGGCTTCACTGGGTCAGGCATTGCAGCCTC  
 CTCTCTAGCAGCCAAGCTGATGTCTGTGTGAGCCATTGCTAATGGGGCGGAGTCCAGCTGGTGGCCTG  
 GTGGCCACTCTGCAGTCTGCTGGAGCTGCTGGACTCTCCATGACATCTAAGGTCTCGTGGGCTCTACAG  
 GGTCTGCCGTTGTGGCCAGTGTGATGGGTGCTGTAAGCATTTGTACTCCTTCTC

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR203653 representing NM\_203410  
 Red=Cloning site Green=Tags(s)

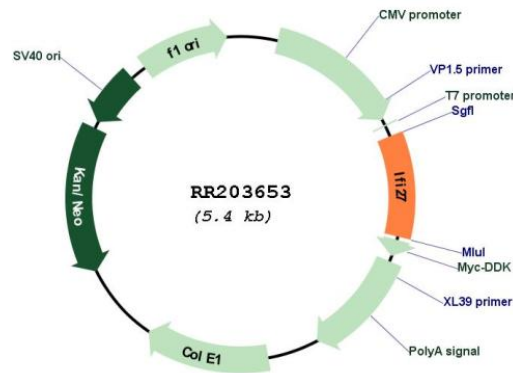
MALSGTGTLVASIASKVASSVAVVKAGGAVSSTILASSQGLNLLAQTALGSGASALGSALGALKAGTVLS  
 SLPASALAVCPIGVKTAVAMLGGAVTVAAVPPVLSAVGF TSGIAASSLAALKMSVSAIANGGGVPAGGL  
 VATLQSAGAAGLSMTSKVLVGSTGSAVVASVMGVCKHLYSFL

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



**Cloning Scheme:**

**Plasmid Map:**


ACCN: NM\_203410

ORF Size: 546 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_203410.1</a></u> , <u><a href="#">NP_981955.1</a></u>
<b>RefSeq Size:</b>	940 bp
<b>RefSeq ORF:</b>	549 bp
<b>Locus ID:</b>	170512
<b>Cytogenetics:</b>	6q32
<b>MW:</b>	16.7 kDa
<b>Gene Summary:</b>	interacts with steroid hormone and IFN in endometrium at implantation [RGD, Feb 2006]