

## Product datasheet for **RR208114**

### Ifi35 (NM\_001009625) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ifi35 (NM\_001009625) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ifi35  
**Synonyms:** MGC108976  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR208114 representing NM\_001009625  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCTGTGACCCTGCAAGCTGTCCTCTACAGTCTTCAGGAGGAGCAGTCCAGGCTCAAGACGAGGCTGC  
AGGAACTACAGCAGCTGAAAAGGGAGCGCATAGATGCTCCAGAGACAAGATCCCATTCCCGGTGCCTGA  
AGTCCCGTGGTATTCCAAGGTCTAACTAAGCAGAGTGGCCAAGCACCCAAGTCTCTAGTTTCTAAGTTC  
AAGATCTGCTGCCCTCTGCCTGGAGTTCTGCTCTGATCACCTTTGATGACCCCAAAGTGGTTGAGCGGT  
TGCTACAACAAAAGGAACATAAAGTTGACATCGAGGACTGCCGGCTGCGGGTGCAGATCCAGCCCTTGGA  
GCTGCCTATGGTGACCAACATCCAGGTGTCCAGCCAGCCGGATAGCCACAGGGTGTAGTCAGTGGCTTT  
CCTACTGGACTTAGGCTGAGTGAGGAGGAGCTACTGGACAAGTTAGAGATCTTCTTCGGCAAGGCCAAGA  
ATGGAGGTGGGGATGTGGAGACCCGGGAGATGCTGCAAGGACTGTCATGCTGGGATTTGCTAATGAAGA  
AGTGGCCAGCACTTATGCCAGATTGGCCAGTTCAGAGTCCCAGTGGGTCGGCAGCAGGTCTTTGAGG  
GTCTCTCCCTATGTGAGTGGGGAGATCCAGGAAGCTGAGATCAAATTCAGCAAGCACCTCATTCAAGTGC  
TGGTGACGAATATCCCGACGTCCTGGATGTGCAGGAAGTGCATGACATTCTGGAGATCCACTTCCAGAA  
GCCTACCGTGGGGCGGAGAGGTGGAGCCCTGCCAGTTGTACCTGTGGGCAGCAGGGCTGGCTGTC  
TTTACTTCTGAGTCAAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR208114 representing NM\_001009625  
 Red=Cloning site Green=Tags(s)

MSVTLQAVLYSLQEEQSRLKTRLQELQQLKRERIDAPRDKIPFPVPEVPVVFQGLTKQSGQAPKSLVSNL  
 KICCPPLPGGSALITFDDPKVVERLLQQKEHKVDIEDCRLRVQIQPLELPMVTNIQVSSQPDSHRVLVSGF  
 PTGLRLSEEELDKLEIFFGKAKNGGVDVETREMLQGTVMLGAFANEEVAQHL CQIGQFRVPLGRQQVLLR  
 VSPYVSGEIQEAEIKFQQAPHSVLVTNIPDVLVDVQELHDILEIHFQKPTRGGGEVEALAVVPVGGQGLAV  
 FTSESS

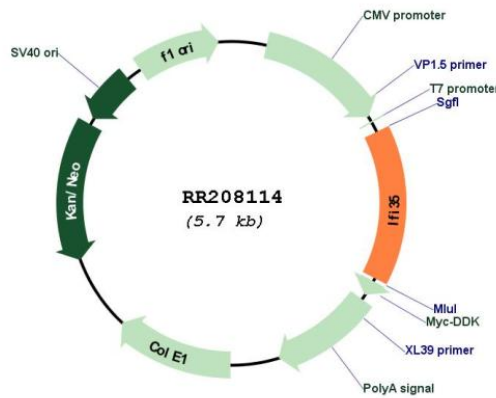
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001009625

**ORF Size:** 858 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	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>	<a href="#">NM_001009625.1</a> , <a href="#">NP_001009625.1</a>
<b>RefSeq Size:</b>	1101 bp
<b>RefSeq ORF:</b>	861 bp
<b>Locus ID:</b>	287719
<b>Cytogenetics:</b>	10q31
<b>MW:</b>	31.8 kDa