

## Product datasheet for **RR210053**

### Irf2bp1 (NM\_001107483) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Irf2bp1 (NM_001107483) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Irf2bp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RR210053 representing NM\_001107483  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGTCCGTGCAAGCGTCCCAGCCAGTGGTGTACCTGTGCGACCTGCCAAGATGCCGTGGGCCA  
 TGGTGTGGGACTTCAGCGAGGCCGTGTGCCGGGTGCGTGAATTCAGGGCGCGGACCGCATCGAGCT  
 GCTCATCGACGCTGCCGCCAGCTCAAGCGCAGCCACGTCTCCCGAGGGCCGCTCGCCGGGACCCCG  
 GCTCTCAAGCACCCGACCTCCAAGGACCTGGCCTCCACGGGCTCCAGGGCTCCAGTTGCCACCCCGC  
 AGGCCAGGCGCAGCCATCGGGACCGGAGGTAGCGTCTCAGGCCGGACCGCTATGACAGGGCTACTTC  
 ATCCAGCCGCTGGCGTGCCTTCGCCGGCTTTGGAGTACACCCTGGGGTCCCGTTGGCCAACGGGCTG  
 GGCCGGGAGGAGGCTGTGGCGAAGGGGCACGAGGGCTTTGCTGGCTCCATCCCAGCCTGATGCCCC  
 CCGGGCTGCTGGCAGCTGCAGTGTCTGGCCTCGGAGGCCGAGCTCTGACGCTGGCACCTGGCTTAAGCCC  
 CGCTCGTCCACTTTTCGGCTCCGATTCGAGAAGGAGAAGCAGCAGAGGAATGCGGACTGTTTGGCAGAA  
 CTGAACGAGGCCATGCGGGCCGGGCGGAGGAGTGGCATGGGCGTCCCAAGGCTGTAAGGGAACAGCTAC  
 TGGCGCTGTCCGCTGTGCCCTTTCAATGTCCGATCAAGAAGGACCATGGGCTGGTGGGACGGGTATT  
 TGCCTTTGATGCCACTGCCCGCCCTCTGGCTATGAGTTTGAAGCTTTACCGAGTATCCCTGT  
 GGTTCGGCAATGTGTACCGGGGGTCTTGCAGTGGCTCGCCAGATGTTTCATGATGCTCTTCGAGAGC  
 CAGGGAAGGCCCTGGCCTCATCGGGCTTCAAGTACCTCGAATATGAACGCCGCCACGGCTCAGGGGAATG  
 GCGCCAGTTGGGAGAGCTACTTACCGATGGGGTCCGAAGCTTCCGAGAGCCTGCTCCTGCGGAGGCCCTG  
 CCCCAGCAGTACCCAGAACCAGCCCTGCTGCTGTGTGGCCACCACCGAGAGCCCCATCCCAGAAC  
 TGGACCCACACCACGACGTCGCAAAGCATCCCCTGAGCCCGAGGGCGAGACAGCTGGGAAGATGACCC  
 GGAGGAGCAGCAACAGCGGCACTGGGTGGCACCAGGCGGTCCATACTCTACAGAGACCCCTGGTGTGCT  
 TCACTATTGCTGCCCTAAGAATGTGGCGGAGGCTCTGGGCCACTCACCAAGGACCCCTGGTGGGGGTG  
 GAGGCTGTGCTGTCAGGGGGTGTAGCCCTGCAGTTCCTCCACGACCCAGCCACCAACCAGCATCG  
 TCTAGTGGCAGCAATGGAGAGGAGAAGTCACTCCACGCGCCGGGGTGAAGCTGTGAGCGGGGGTGGT  
 AGCGGCACAGGGGCGACCCCTGGAGCCCTTGTGCTGTACCCTGTGACAGAGAAAGGCTGGAAGACACCC  
 ACTTCGTGCAAGTGCCTCGGTACCTGGACACAAGTTCGCTTTCCTTGTCCCAGAGTTCATCAAGGC  
 ACAGGGTCCAGCTGGAGAGGTGTACTGCCCCAGTGGAGACAAATGCCACTGGTGGGTTCTCTGTCCCC  
 TGGGCTTCATGCAGGGCGAGATCGCTACCATCCTTGCTGGTGCATCAAGGTCAAGAAAGAAAGGGACC  
 CC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR210053 representing NM\_001107483  
 Red=Cloning site Green=Tags(s)

MASVQASRRQWCYLCDLPKMPWAMVWDFSEAVCRGCVNFEGADRIELLIDAARQLKRSHVLPGRSPGPP  
 ALKHPTSKDLASTGSQGSQQLPPPQAQAQPSGTGGSVSGPDRYDRATSSSRLALPSPALEYTLGSRLANGL  
 GREEAVAEGARRALLGSIPSLMPPGLLAAAVSGLGGRALTLAPGLSPARPLFGSDFEKEKQQRNADCLAE  
 LNEAMRGRAEEWHGRPKAVREQLLALSACAPFNVRFKKDHGLVGRVFAFDATARPPGYEFELKLFTEYPC  
 GSGNVYAGVLAVARQMFHDALREPGKALASSGFKYLEYERRHSGEWRQLGELLTDGVRSFREPAPAEAL  
 PQQYPEPAPAALCGPPRAPSRLNAPTARRRKASPEPEGETAGKMTTEEQQQRHWWAPGGPYSTETPGVP  
 SPIAALKNVAEALGHSPKDPGGGGSVRAGGASPAASSTTQPPTQHRLVARNGEAEVSPTAGAEAVSGGG  
 SGTGATPGAPLCCCTLCRERLEDTHFVQCPSVPGHKFCFPCREFIKAQGPAGEVYCPGDKCPLVGSSVP  
 WAFMQGEIATILAGDIKVKKERDP

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

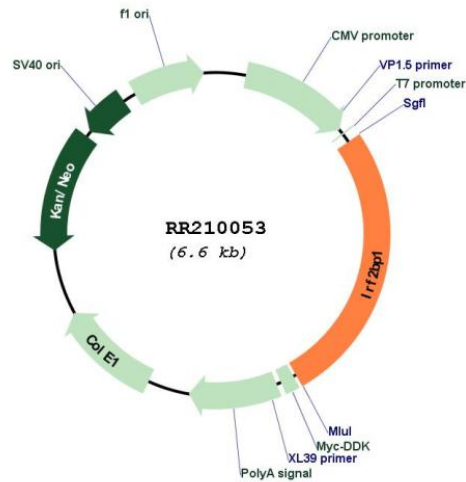
Cloning Scheme:

Cloning sites used for ORF Shutting:



\* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:

NM\_001107483

<b>ORF Size:</b>	1752 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_001107483.1</a> , <a href="#">NP_001100953.1</a>
<b>RefSeq Size:</b>	2702 bp
<b>RefSeq ORF:</b>	1755 bp
<b>Locus ID:</b>	308404
<b>Cytogenetics:</b>	1q21
<b>MW:</b>	61.8 kDa