

## Product datasheet for MR205543

### Irs3 (BC098235) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Irs3 (BC098235) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Irs3  
 Synonyms: AA408304  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >MR205543 representing BC098235  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGCCTGCAGGTACGGGCCACAGTCTCCTCGGGGGCGAGTGCACCGACGTGCCCTCGGCTCAC  
 CGTTTCCTTGGCCCTGCCTGCCGACGTGCGGCTCTGTGGCCATCTGAGGAAGCAGAAGTCCCAGCGCC  
 CCGCTTTTTCTGCTGCTGCGCGCTGACCCACCACGCTGGAGTGCTACGAGAGCGAGAAGAAGTTCTTGCC  
 AGCGGCTGCCGCCACCTAGACCCCGCGTACCGTTAGCCTGGAGGGTGCCTGCACTATTAGCAAGCGCG  
 CGGATGCCCGTACGCGCCACCTGATCGTCATCTATACCAGCGACAGCAGCCTGGGCGTGGCGGGCCAG  
 CGAAGCAGAGCAGCAAGCATGGTACAGCGCCCTGCTCGAGGTGCGCGCCACCGCCGAGCCGCTGTCTGT  
 ACTGCTATGGGTTTCAGTCCCAAGAGGCCCTGAGTCTTGGATCTTCGCCCCATTCCAGGACGTCTGGC  
 CTGTGACACTGCGGTCCAAGGGGCTGGGGAGAGCACAAGGCCGTGAGCAGCGGCAGCTATCGCCTGTGCT  
 GGGTCTGGGGCCCTGAGCCTCCTGCGAAAGCCTGGAAGCAAAGGTTCCAGAGACAGCCGGGCAACGCCA  
 CCACAGTCTGCGCTTGTCTTGTCTAGTGTGCGCCGCTGTGGCCACGACAGCTTTTTTCTTCTG  
 AACTCGGGCGCTCAGCGCCATTGGTCTGGTGAAGTCTGGCTGCAGGCTCCTGATGCAGTGGTGCCCA  
 AAGCATTATGAGACAGTCTGGCTGCCATGAAGCGGCTGGGGAGCAATGCAGCTGGCAAAGCTGAGCCA  
 CCGCCACAGGAAATCCTCCAAAGAGTGTCTGAGCTCCTACCCGACACCATATGAAATCCCTGCAT  
 CGGCAGACAAGCAAGAAGCCCCAGTGAGCGAGCAAAGCAGGACTACTTCAAGCCCTGGAAAGGATGGG  
 GTCAACACACTCTACAAGGGACTAGATCTGGGCGGGAACATACCATGGGAGTCAGGAATGACTAT  
 GTCCACATGGGGGAGGAGAAGCAGAGCGGAATTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR205543 representing BC098235  
Red=Cloning site Green=Tags(s)

MKPAGTGPTVSSGGECTDVSLGSPFPWPCLPDVRLCGHLRKQKSQRRRFVLRADPPRLECYESEKKFLA  
 SGCRRPRRRTVSLEGACTISKRADARQRHLIVITYSDSSLGVAAASEAEQQAWYSALLEVRATAAAAAA  
 TAMGFSPQEAPESWIFAPFQDVWPVTLRSKGLGRAOGLSSGSYRLCLGSGALSLLRKPGSKGSRDSRATP  
 PPVLRLLSLLSVRRCGHADSFFLELGRSAPIGPGELWLQAPDAVVAQSIHETVLAAMKRLGSNAAGKAEP  
 PPQGNPPKSVPAAPTPTPYEIPASAAQARSPSERAKQDYFKPLERMGSTHSYKGLDLGGNYITMGVRNDY  
 VHMGGGEAERNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

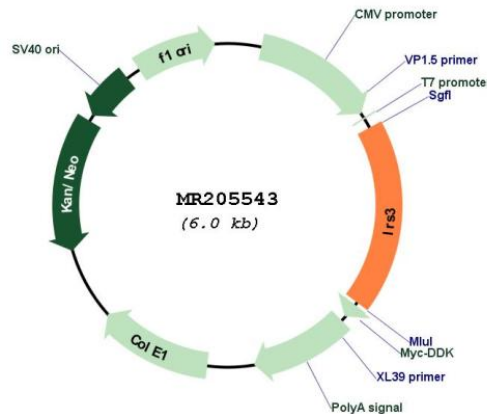
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

BC098235

<b>ORF Size:</b>	1086 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="#">BC098235.1</a>
<b>RefSeq Size:</b>	1315 bp
<b>RefSeq ORF:</b>	1088 bp
<b>Locus ID:</b>	16369
<b>Cytogenetics:</b>	5 G2
<b>MW:</b>	48.2 kDa