

## Product datasheet for **MC219334**

### Irgq (NM\_153134) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Irgq (NM_153134) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Irgq
Synonyms:	AF322649; FKSG27; Irgq1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219334 representing NM\_153134  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCTCTGCCTCAGGGTGACGTGACTGCCTTATTCCTGGGGCTCCCGCTCGGAAAGTCCGCCCTGA  
 TCGCCCGTTATGCGGTAAGAATGTGGACACGGTAGAGATCCCGATGGACGGCAGGACTCTGGAGTCCC  
 CAGCCTGAGAGCTGCGGCTCCGGCCCTTCTCTGGGTGAGCTGAGTTGCCACCCGAGCTCCCGGGCCC  
 TGGGCGCGGAGGCCAACTTGCTGGTATTGGTGTACCAGGATCTGAGGGGAGCGAGGAGCCCTTGACCC  
 CAGCTCTGGGAGAGGCAGCGCGAGCCGCCCTGGCTAGAGGAACCCGCTGCTGGCTGTCCGGAATCTGCG  
 CCCTGGAGATCCAGAATGCAGCTAAAGCCCGGGATGAGACTGCAGCCTTGTGAACAGTGCTGGGTTA  
 GGAGTGCCTCTCTTTGTGCCCGCGGGATTGCAGCAGCAGTGACCGCTGCGAGGAGCTAGAGCGCC  
 TGCAGGTGGTGTGCGGACCCAGGCGGAGGCGCTGCAGAGGCTCCTGCCTCCTGCCAGGATGGCTTCGA  
 GGTGTTGGGCGCAGCCGAGCTGGAAGCTGTTTCGTGAGGCTTCGAGACCGGTGGCTGGAGCGGCGCTG  
 TCGTGGGTGCGCGCTGGTCTGGAGCGCCTGGGACGCGCAGACTGGACTTGGCGGTGGCCGGCACCA  
 ATGTAGGCCTTGTGCTAGATATGCTGCTGGGGTTGGATCCTGGAGACCCAGGTGCTGCGCCTGCCTCAGC  
 ACCCACTGGGCCCACCCCTTATCCTGCTCCAGAGCGCCCCAACGTAGTGCTCTGGACCGTTCCCCTGGGC  
 CCCACGGCCACATCTCCTGCCGTACCCCTCACCAACCCACTACGATGCCCTGATCCTTGTACCCCCG  
 GGGCTCCACAGAGGAGAACTGGGCCAGGTCCGCTCATTGGTGTCCCAGATGCTCCACTCGTCGGTGT  
 GCGCACGGACGGCCAGGGCGAAGATCCACCCGAGGTTCTGGAAGAAGAAAAGGCCAGAATGCAAGTGAT  
 GGAACCTCAGGGGATGCACGCAGCGAAGGAAAGAAAGCTGGCATCGGGGACTCGGGTGCACTGCCGCTC  
 GGAGCCCGGAGGATGAGCTATGGGAGGTGCTGGAGGAGGCGCTCCGCCGTGTTCCCGATGCGGCCCGG  
 CGGTCTCCAGGCCTCGGAACCTGGCTCCAGCAGCAGCTGCCACAGCTCAGGCCGAGCTCTGCTGCTG  
 GCGCTGCCACCTGCAAGTCCCGGGCGCGGAGGAAGCGGCTGCGCTACGGGAGGGCGTGGAGGC  
 CAGCCCTGTTGGCTAGCCTGGCGCGGCCCGCCCCAGTACCAGGGCTGGGCTGGGCTTGCATGTGGC  
 GCTTCTCCGGGACAGCTGGCCGAGTGGAGGCGCGCTAGGCCCTCGAACCCGCGGCCGTAGCACGACGT  
 GAGCGCGCTTGGGCTGGCTCCCGGAGTACTGGCAACGCGCACGCGCTCCCGGGCCCGGTGACGCGAG  
 CCGAGGTAGAGGCCAGGCTGGGGTCTGGGAGGTGAGGGCACGGCGGAGGTGCAGCGTTGAGCGCGCT  
 CTCCTTCTATGGCCACGGTGGTGTGCGGCAACAGGTGGGCTGGGTTACCGTGTGCGCACGGTGTA  
 CTTCTACAAGCCTTAGATGAGATGCTGGCTGATCGGGAGGCGGTGCTGGGACCCAGAGCCCAACCAAT  
 GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_153134
- Insert Size:** 1752 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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\\_153134.3](#), [NP\\_694774.3](#)

**RefSeq Size:** 6159 bp

**RefSeq ORF:** 1752 bp

**Locus ID:** 210146

**UniProt ID:** [Q8VIM9](#)

**Cytogenetics:** 7 A3