

Product datasheet for **RN205706**

Irgq (NM_001135742) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Irgq (NM_001135742) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Irgq
Synonyms:	RGD1309409
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN205706 representing NM_001135742
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTCTGCCTCAGGGTGATGTGACTGCCTTATTCTTGGGGCTCCCGCTCGGAAAGTCCGCGCTGA
 TCGCCGCGTTATGCGGTAAAGATGTGGACGCGGTAGAAATTCGGATGGACGGCCGACTCTGGGGTCCC
 CAGCCTAAGAGCTGCAGCTCCGGGCCTCTTCTGGGTGAGCTGAGTTGCCACCCGACGCCCCGGGCC
 TGGGCGCGGAGGCCAATTGCTGGTATTGGTGTACAGGATCTGAGGGAAGCGAGGAACCTTGACCC
 CAGCTCTGGGAGAGGCAGCACGGGCCGCTGGCCAGAGGAACCCGCTGCTGGTGTACGGAATCTGCG
 TCCTGGAGATTCCAGAATGCAGCTCAGGCCGGGATGAGACTGCGGCCTTGCTGGACAGTGTGGTTA
 GGAGCTGCGCCTCTTTGTGCTGCCGCGGATTGCAGCAGCAGTGACGGCTGCGAGGAGCTAGAGCGCC
 TGCAGGTGGTGTGCGGACCCAGGCGGAGGCACTGCAGAGGCTCCTGCCTCTGCCAGGATGGCTTCGA
 GGTGCTGGGCGCAGCAGAGCTGGAAGCTGTTCTGAGGCTTCGAGACTGGTGGCTGGAGCGGCGCTG
 TCGTGGGTGCGCCTGGTCTGGAGCGCTAGGCAGCGCTCGAGTGGACTTGGCGGTGGCCGCCACCA
 ACGTAGGCCTTGTGCTGGACATGCTACTGGGTTGGAGCCTGGCGACGCGGGTGTGCGCCTGCCTCTGC
 ACCCACTGAGCCACCCCTTATCCTGCTCCAGAGCGCCCAATGTAGTGTCTGGACCGTCCCTGGG
 CCCACAGCCACATCCCTGCCGTACCCCTACCCGACCCACTACGATGCCCTGATCCTCGTACCCCTG
 GGGCTCTACGGAGGAGAACTGGGCCAGGTCCGCTCGTTGGTGTCCCAGATGCTCCACTCGTCGGTGT
 GCGCACTGACGGCCAGGCGAAGATCCACCCGAGGTTCTGGAAGAAGAAAAGGCTGGGAATGCAAGGAT
 GGAACCTCAGGCGATGCACGCAGCAAGGAAAGAACTGGCATCGGGGACTCAGGATGCTCTGCGGTT
 GGAGCCAGAGGATGAGCAGTGGGAGGTGCTGGAGGAGCGCCTCCGCCGTGTTCCCTCTGAGGCCCG
 CGCCTCCCGGGCTGGGAACCTGGCTGCAGCGGGCACTGCCACAGCTCAGGCGGGAGCGCTGCTGCTG
 GCGCTGCCACCCGCAAGTCTCGGGCGCGCGGAGGAAGCGGCAGCATTGCGGGCAGGGCGTGGAGGC
 CAGCCCTCTGGCTAGCCTGGCGGAGCGCGCTCCAGTACCAGGACTGGGCTGGGCTTGCATGTGGC
 GTTCTCCGGGACAGCTGGCCGAGTGGAGGCGCGCTGGGCATCGAACCTGCGGCCGTGGCACGAGAG
 CGCGCCTTGGGCTGGTCCCGGAGTACTGGCCACGCGCACGCGCTTCCGGGGCCGGTACGCGAGCCG
 AGGTAGAGGCCAGGCTGGGTCTGGGAGGTGAGGACGCGCGAGGTGCGGCATTGGGCGCGCTCTC
 TTCTATGGCCGCGGTGGTGCAGCGCAACAGGTGGGCTGGGTACCGTGTGCGCATGGTGTACTG
 CTGAAGCCTTGATGAGATGCTGGCTGATGCTGAGGCGGTGCTGGGACCCAGAGCACAATCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001135742

Insert Size: 1749 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_001135742.2, NP_001129214.2

RefSeq Size: 6113 bp

RefSeq ORF: 1749 bp

Locus ID: 292708

Cytogenetics: 1q21