

Product datasheet for **RN205357**

Irgc (NM_001014016) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Irgc (NM_001014016) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Irgc
Synonyms:	Ifgge; Irgc1; RGD1311107
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205357 representing NM_001014016
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAACTTCCAGGTTGCCCGGGTGCCTGAGGAGGAGACCACCATCCTCATGGCCAAGGAAGAGCTGG
 AGGCCCTGCGCACAGCCTTTGAGTCTGGCGACATCCCTCAGGCCGCTCTCGCCTTCGGGAGCTGCTGGC
 CACCACGGAGACCACCGGCTGGAAGTGGGCGTACGGGCGAGTCGGGAGCCGGCAAGTCTCCCTCATC
 AATGCCCTGCGGGGAGTGGGGGCCGAGGATCCTGGTGCAGCTCTCACTGGGGTCTGGAGACCACCATGC
 AACCTTACCCTACCGCACCCACAGTTTCCGACGTGACCCTGTGGGACCTGCCGGGGCCGGTTCTCC
 AGGCTGCTCAGCAGACAAGTATCTGAAGGAGGTGGATTTCGGCCGCTATGACTTCTTCTGCTCGTCTCC
 CCCC GCCGCTGTGGCGCAGTGGAGACCCGCTGGCTTCCGAGATCCTGCGCCAGGGGAAGAAGTTTACT
 TTGTGCGCACCAAGGTGGACGAGGATCTGGCGGCCACCCGCAACCAGAGGCCCTCGGGCTTCAGCGAGGC
 CGCCGCTCTCCAGGAGATCCGGGATCACTGCGCGGAGCGGCTGCGGGCAGCGGGCTGAGTGATCCCGC
 ATCTTCTCGTGTCCAACCTGTCGCCAAACCGCTATGATTTCCCGATGCTCGTGACCACATGGGAGCAGC
 ACCTGCCCCGCCACCGTGCCTGCGCGCTGTGTCCCTGCCTGACATCTCGTGGAGGCTCTGCAGAA
 GAAGAAGGACATGCTACAAGAGCAGGTGCTTAAGACTGCCTTGGTGTCCGGTGTCCAGGCCCTGCCG
 GTCCCCGGACTGGCAGCTGCCTACGACGACGCCTTGTATCCGCTCACTGCGGGGATACCAACCGCAGCT
 TCGGCCTAGACGACGACTCGCTGGCCAAGCTGGCCGAGCAAGTGGGAAGCAGGCAGGGGACCTGCGCTC
 CGTCATCCGCTCCCTCTGGCCAACGAGGTCTCACCAGAGACTGCTCTGAGACTCTACTCGCAGTCTCA
 GATGGTGCCATGCGGGTGGCCCGTGCCTTTGAGAGGGGCATCCCTGTATTGGCACGCTGGTGGCCGGG
 GTATCAGCTTCGGCACGGTCTACACCATGCTCCAGGGCTGTCTCAATGAGATGGCTGAGGACGCCCAACG
 CGTCCGCATCAAGGCCCTGGAGGAAGATGAGACCCAGGGTGAGGTGAGCTTGGAGCGGCTGGTGACAAT
 GCAGTGAAAAAGCGGAGCAGTGGGAAGGAACAGCGAGGAAGCCCCGCTGTCCACCCGAGGAAGCTTG
 GCCTCCTCCTCAAGTACATTCTTGACAGCTGGAAGAGCGCGACTTGTGAGAAGACAAAT**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001014016

Insert Size: 1392 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_001014016.1, NP_001014038.1
RefSeq Size: 1760 bp
RefSeq ORF: 1392 bp
Locus ID: 308428
UniProt ID: Q6AYF9
Cytogenetics: 1q21