

Product datasheet for **MC216847**

Iqcm (NM_027944) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Iqcm (NM_027944) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Iqcm
Synonyms:	1700007B14Rik; MGC143580; MGC143581
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216847 representing NM_027944
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCACCTGCAGAAGCTATACCTGAAGGAGTAGGCCCTGTATTGAAACCACCCAGCAAGATTTTTTGC
 AAGAAGCAAAATCTTTATTGCCAACATCACAAGAGATTAAATGAGAATAAGGCTCAAGGAACGCTAT
 AGATGTCTTTAAAAATAAACACCAAAAACCGAAAAGTGTCAAGTTCATACCTTTTGGAGTTAAGAAAAGT
 GAAATTCTTAATGTAGTTCAAGAACATCGGTTGGTACTCAAAGCATCAGCTATCCAGGGACACTTCCA
 AGTGCACAGCTTTAATTGAGGCTCACAGCAGATTTCTTCAAGGAGCCACATGTGTGCAATATAAAGA
 GAAGTGCCACCCTGTAGATCTTTAAAAGAAGAAAAGTTAAACTGGGTAATAATGAATGATATTGAA
 TCCGTGAGTAAGCAAATGGAGATGGAGAAGGAGATGCATCTCAGGAAGTCCAGAATGTTGGAACCTTCC
 ATCCACATGAGCTTGCCTTTGCATAATCTGGCCTCTTCTCTGGGACTTCTGAAGGAATTGCTGACAG
 GACGCTTTATGATTGGAGGAGCGCTGCATTGATAAGATCTTCTATTTGCCTCATGGATCTGCTCAAAGT
 TTATCAGAGTCCTCAGTGACATTTAAGAATTATTATAAGAGACCCATTAGGAAGAAAAGATCTGCAACCTA
 TAAAGAAAAGAACTGAAGACAGAAAAAGGTCAAAGACTATTGCAAAGTCTGATAAAATAGACAGCAAAGT
 TAAAGAATTGGACCACACATAGAAATTTCCAATATCCAGCGAAGAAAACAAGACCATATTTACTAAA
 AGAATTATTAAGTGGTCAACTGTGCAAGCATTTATCAGGGGATGGCTTGAGCGCAAAAGACTTCAAC
 GAATAAGAGCAAGGTTTCGTATCATGGCCAAATTTGAAAACAGTTATAAAAATGTATCAGTGCTTAAT
 CCACCGTGTAGACACCGACTTGGTCTTTGGAGGACAAGACAGATTATACCTTGGAGAGTTAGAAGAA
 TGGATGGATAGAAAAAGTCTATGAAACCATGTTTCCAAGAGAGAAGACTGGCAAGGCCTAGAAAAGAA
 GTGATCTGCTGAAATACTTCAACGACTGTGGTCATTTCCCACCCAGACCAGATCGATGACTGGGA
 CCTGCTCCACAGATATGGTCAAGGAAGATATTCTGAAGTAATCAAAAAGTCCAATGCTATTGAACTATTA
 TTTACTCTACCTCCTCAAGGTGCCAGAGTGAACATTAGCACAAAGACTAAAGTCCACATGGCTGAGAC
 CCTTGGTGGATGGGAAGAAGGCTATAAGTACTTGTGAATGGACATCCAATACTCAAGAGAGCTAACAT
 CCGGACTGTTGGCAAGTTGGTGGCTCGATCCATAAGAGAAAAGAAAATGAGACAATTTTATAAAACA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_027944

Insert Size: 1470 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_027944.1, NP_082220.1
RefSeq Size: 2044 bp
RefSeq ORF: 1470 bp
Locus ID: 71831
Cytogenetics: 8 C1