

Product datasheet for **MC211504**

Iqcf1 (NM_001146701) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Iqcf1 (NM_001146701) Mouse Untagged Clone
Tag: Tag Free
Symbol: Iqcf1
Synonyms: 1700055J15Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211504 representing NM_001146701
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCCAAGAAAAACAGGAGCTTTCTGAAAAGGACCAAGTTGTAAGATCCAAGCTTGGTGGCGCGGTA
CACTGGTACGTCGGTCGCTGTTGCACGCAGCCCTCAGCGCCTGGATCATTCAATGCTGGTGGCGGTTAAT
ACTGCCAAAGATTATGGAGAAGAGGCGGCAGTCCATGCTGGATACCTTCCAACAGGAGCAGTGGGCAGTC
GTCAGGTTGCAGTCCCTGGATCCGCATGTGGCGTATCCGCAGGCGTTACTGCCGGTTGCTTAAGGCTGTCC
GGACCATCCAGTCTCACTGGAGAGGTCATACTTGTCTTTCACGGGGTGTATCAAGGGCCAATACCGAAT
TTCGACCAGCCAGATGCATCTTGAGCTGGAGGCTTGTGGGTTCCGGGCGCTTGTATTGTGACCGAATGT
ATTCCCTCCCAATAAAACAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001146701

Insert Size: 444 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_001146701.1, NP_001140173.1</u>
RefSeq Size:	529 bp
RefSeq ORF:	444 bp
Locus ID:	74267
UniProt ID:	<u>Q9D9K8</u>
Cytogenetics:	9 F1
Gene Summary:	Involved in sperm capacitation and acrosome reaction.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an in-frame exon, compared to variant 1. It encodes isoform 2 which is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.