

## Product datasheet for **RN212240**

### Iffo1 (NM\_001108647) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Iffo1 (NM_001108647) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Iffo1
Synonyms:	RGD1308257
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN212240 representing NM\_001108647  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATCCGTTATTTGGTCCCAATCTCTCCTCTACAGCAGGAGCAGCAGGGCTTGGCAGGGCCGCTGG  
 GGGACCTCTGGGAGGTGACCACTTTGCCGGGGAGGGGACCTTCCCTCGGCTTCGCTTGCCTCGGCTGG  
 CCCTTCTGCCTATTTCGCTCCCGGGCTGGTTCGGCGCCCCCAGCAGCCATGGCTCTACGCAACGACCTA  
 GGCTCCAACATCAACGACTCAAGACCCTAAACCTCCGGTTTCGCTGCTTCTAGCCAAGGTGCACGAGC  
 TAGAGCGCGAAATCGGCTGCTGGAGAAACAGCTGCAGCAGGCTCTAGAGGAGGGTAAGCAAGGCAGGCG  
 GGGCTGGCCCGCTGACCAGGCGGTACAGACCAGGCTTCATCAGCCCGATCCGGCCCTGGGGTGCCTCC  
 CTGAGCTCCCGCCGGCCGCGTGTGTCCCCATCAGCGCGGGTGTGGGCTCGCCCGCTCGCTCGCCAG  
 CCGGACCCTAGCATCTCTGCGGCTGCCACTCATCTCCACCTCCACCTCCACCTCCACTGCCTT  
 CTCTCGTCGACCCGCTTATGCCCGGCACCATCTGGTCTTCTCACACGCACGCCGAATTGGACCGGGA  
 TTGGAACCCACGCTGGTGAAGGCGCTGGCCTGTCTGGGTACACCTGACGGGGTGGGCGTCCAGATCG  
 ACACGATCACTCCCGAAATCCGTGCACTGTATAACGTGCTGGCCAAAGTGAAGCGGGAGCGGGACGAGTA  
 CAAGCGAAGGTGGGAAGAGGAGTACACAGTTCCGATACAGCTACAAGAGCGAGTCACTGAGCTCCAGGAG  
 GAGGCCAAGAGGCGGACGCCTGCCAAGAGGAGCTCGCCATGAAGGTGGAGCAACTGAAAGCTGAACTGG  
 TGGTCTTCAAGGGGCTCATGAGCAATAATCTGACAGAGCTGGACACCAAGATCCAGGAGAAGGCCATGAA  
 GGTAGACATGGACATCTGCCCGCGCATTGACATCACGGCAAGCTCTGCGACCTGGCTCAGCAGCGCAAC  
 TGTGAGGATGTGATCCAGATGTTCCAGGTCCCGTCCATGGGGGGCGGAAGCGGGAACGCAAGGCTGCTG  
 TGGAGGAGGACACCTCCCTGTCGGAGAGTGATGGGCCCGCCAGCCTGAGGGGGACGAGGAGGAGACAC  
 AGCCCTCAGCATCAACGAGGAGATGCAGCGCATGCTCAGCCAGCTGAGGGAGTATGATTTTGAGGACGAC  
 TGTGACAGCTGACGTGGGAGGAGACTGAGGAGACCTTGTCTTTGGGAGGATTCTCAGGCTATGCCA  
 TGGCGGCCGAGAGGCCAGGGAGAGCAGCAGGAGGACAGCTTGGAGAAGGTGATCAAAGATACTGAGTC  
 CCTGTTCAAACCCGGGAGAAGGAGTACCAGGAGACCATGACCAGATAGAGCTGGAGCTGGCCACGGCC  
 AAGAGCGACATGAACCGCCACCTGCATGAGTACATGGAGATGTGCAGCATGAAGCGGGGGCTGGACGTGC  
 AGATGGAGACCTGCCCGCCCTTATCACACAGTCCGGAGACCGAAAGTCTCTGCTTTCCTGCGGTCCC  
 GCTTAGCGACCCCGCCGCCCAATGAACATGGCTGTGCTTTGGGAAGTCCAGTGCCTGGGCCAGGT  
 CGCCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001108647

**Insert Size:** 1689 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\\_001108647.1](#), [NP\\_001102117.1](#)

**RefSeq Size:** 2372 bp

**RefSeq ORF:** 1689 bp

**Locus ID:** 362437

**Cytogenetics:** 4q42