

## Product datasheet for **MC220475**

### Oacyl (NM\_177028) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Oacyl (NM_177028) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Oacyl
Synonyms:	5330437I02Rik; Acyl3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220475 representing NM\_177028  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGGCCCTCACTTCGCTAGCTTGCCTGCACGCTCTGTCCCTTTGTTTCTCCTGCAAGAAACATTT  
 CTCTCAAGTGCATGCAAGATACTGACGAATTCCTTTCTGATCTGAACTCACTGAAGCCCAAGAATACGC  
 TCTGAGAATGTATGACTCGGTGGGAAGCTTGAAGCAACGTTCTTACCGCAACGTGGACAGGCTGGGA  
 TCCTACAGCGAGTGCCTTCCACCCGGAGCCCCAAGGGGAGTTCCGGGGCAGTACTGCAAGCTTCATA  
 TCCTTCAGGATGGAACAGACTATAGTGTGGCGTGTGTCCCTGATTCTTGTGCTGAAGAGGACGTGAC  
 CATGATGTCTCAGCTGGTACTCTCAAGTTCAGAAACACGTCATTCTTGAACCTTCCCTCTCCCTCTTT  
 ACAAAGACTCTTCTCATCTTGTGAAGTTGTGGCCAGATGTGCAGCTGGGGCCATGAGTCCAGATATGT  
 TTGCTTCCGTGTGCTTTCATCACCTTGTAGCCCTCGTCTTCTGTGGCTGGAAGTGTTCATGTT  
 GGCCAGGACTGGGGCTTGACCTCAGGACATCGTCTGTACATGGGACTCCTCTACCAGTTGTGAGAGT  
 CTGCCTTTGCGAAACATGGAGAGCAACAGGCAAAGAAGCAGGGCCAGTTGCCAAGTTCAGCTCCCTCCTC  
 CAGGAGCCCCAAGCAGAGGAAGAAGTTTCTAGGAGCCGTGGATGAAGTCTGCAGTGTCTTTCTTGGCA  
 GAAGAACATGCCAGCCATCTGCAGCCCAGAACTCCAGGAGGCACCTGCCGGACACTAAATGGGATCCGA  
 GTCCTGAGTCTCCTCTGGGTTATCTCTGGACACACCAGTCAGATGACAGCTTGGCTATCTTTGGATAATG  
 TGCTCGAATGGAATCCAGAGTGCCCGAGAACCCTGTACCTCTACTCTCGGAGTGGCCATTCTATCT  
 CGGGGTGGATACATTTTCTCATCAGTGGTGGCTAAGTGAAGGTCAATTTCTAAAGATGCACCAGAAC  
 ACCAGCACAGGAATAACTCCTAAAGTCATCCTCAGATACTTTCTGAAACGTTTACAAGTTGCAGCTCC  
 TTCATATGTACTCTGTGCTTGTGTTGGTTCTTCTTTTGTCCCTGGGACCTGTCTGGGAAGT  
 GGCCAGTTCCACTGGGATAACTGCCGGGAGGTTTGGTGGACGAATCTGCTGTTGCTGAATAACTTCTGT  
 TCTGTCCAGAATGCCTGCAATGGCTGGACTTGGTACCTCGCCAGCGACTTCCAGTCCACCTGACGACAC  
 CGCTGATCTTCTCGTCCATGGAAAAAGTAAACGTGTCTTCTGCTCTTCTCGGGGGCTGTGTTCTCTGGC  
 CTCTTCCACAGCCACCCTCTGCTCACCTTGGCTTATAAACTTCCAGTGGCATCTCCAGCAGCAGCCAGT  
 GAACATGGGACTGTGCTCTATTTCTCAGAGTATTACCCAAGCCCTACTGCCGCTGTGGCCCTTCTCTTG  
 TGGGCTCTTCTGAGCATGTTTCATGCATTAGACCACCCTACAGACATTCTCAAACGACGGTGCAGGC  
 CATGCTGGGCTGGACTTGGTCTCTGCTGACCCTGTTGTCAGTTGTTGCCCTGGCTTATGTACTGGACGAT  
 ACCTCTCAAACCTTTCGCTAGCTGCTGCCATCTACCAGGCCCTCCATCGTACCCTGTGGGCAGCAGCTG  
 TGGGCTGGGTATCTTTCCTGTGAGGAAGGCTATGGAGTCCCGTGAACGCATGCTTTCTTGGGGCAT  
 CTGGAGTCTCCCGCCAGCATAAGCTACGCTTGTACCTCGTACACCCATTGTATCATTCTCTATAAC  
 GGACTGCAGGAGACCCTTATCACTACACGGACACCAACATGCTCTATCTTTCTTCCGACACTGTGTGC  
 TGACCTTCTCGGTGGGCTGGTCTGACCCTGTTTCATCGAGCGACCCTGGCAGGAAGTGAAGTGGGGCT  
 GTGGGGACCAGAGCCTGCTAGGCCG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_177028
- Insert Size:** 2058 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\\_177028.3](#), [NP\\_796002.1](#)

**RefSeq Size:** 3431 bp

**RefSeq ORF:** 2058 bp

**Locus ID:** 319888

**UniProt ID:** [Q8BML2](#)

**Cytogenetics:** 18 E1