

## Product datasheet for **MC220966**

### Rex2 (NM\_001177767) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rex2 (NM_001177767) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rex2
Synonyms:	Gm13138; OTTMUSG00000010655
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220966 representing NM\_001177767  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTGCTCCTACCAAGAATCTGGGAGAAGAACAACAAAAGAATGAGTGCTTCTCTGGAAAACACTG  
 CACAGTGTCTATTAACCTTCAAGGACGTGTTTTGGACTTCTCATCGGAGGAATGGGAATGTCTCAATTT  
 TGCTCAGAGGACATTGTACATGGATGTGATGTTGGAGAATTACAACAATCTGTTGTTTGGAAAATCAC  
 TGCATATGTGGAACTATGAGAAGGAGAAGGTCTTGAACAAGACACACAGCACATTGTCAATGAGCATG  
 GGCATAACCGAAAGAAGTCTTCTAAATGTAATGAGCTTAGAAATGTGATCCATGAATCCTCCGAAAGTAC  
 ACCTTATAACACTAACCCAGAGATGCCACTCTCCAATCCTCAAACCTAAAAAGACATAAACTGGGACC  
 ACTAAAGGAGTTGCACATATAAAGACTGTGTAACCTGTTAAAGGGGTCTTCTATCATTAGTCTCAATC  
 AAGGAACCCACATAGAGAAGAAAGAACACAACAGAAATAAAAATCTTGATGAGGTTTTGTTTCTAGACA  
 AAACAATAGTGAATGAACACTTACACTTGTGGTGAATTTGACAAATGCTTTACTCAGAGTGACAATCTT  
 CAAAGTCAGCAGAGAATTTATCCAGGAAAGAAATCTTACAAATATAGTGAAGTGACAAATGCTTTACCC  
 AAATTCCCATCTTAGTATTCATCATACAATTCATTCAGGAGAGAAACCTTACAAATGTAGTGAATGCGA  
 CAAATGCTTTACTGACAAATGCACTCTGAGAAAGCATCAGAGAATTCATACAGGAGAGAAACCTTACAAA  
 TGTAGTGAATGCGACAAATGCTTTACTGACAAATGCACTCTGAGAAAGCATCAGAGAATTCATACAGGAG  
 AGAAACCTTATAAATGTAATGAATGTGACAAATGCTTTACTGACAAAGGCAGTCTGAGAGTTCATCAGAG  
 AATTCATACAGGAGAGAAACCTTACAAATGCAGTGAGTGTGACAAATGCTTTACCCAACCATCCCATCTT  
 AGTATTCATCGTAGAATTCATTCAGGAGAGAAACCTTACAAATGTAGTGAATGCGACAAATGCTTTACTG  
 ACAATGCACCTCTGAGAAAGCATCAGAGAATTCATACAGGAGAGAAACCTTACAAATGTAGTGAATGCGA  
 CAAATGCTTTACTGAGAAATTCACCTCTGAGAAAGCATCAGAGAATTCATACAGGAGAGAAACCTTACAAA  
 TGTAAATGAATGTGACAAATGCTTTACTGACAAAGGCAGTCTGAGAGTTCATCAGAGAATTCATACAGGAG  
 AGAAACCTTACAAATGCAGTGAGTGTGACAAATGCTTTACCCAACCATCCCATCTTAGTATTCATCGTAG  
 AATTCATTCAGGAGAGAAACCTTACAAATGTAGTGAATGCGACAAATGCTTTACCCAACCATCCCCTCTC  
 AGTATTCATCGTAGAATTCATTCAGGAGAGAAACCTTACAAATGTAGTGAATGCGACAAATGCTTTACTG  
 ACAAGGCAGTCTCAGAGTTCATCAGAGAATTCATATAGGAGAGAAACCGTACAAATGCAGTGAGTGTGA  
 CAAATGCTTTACCCAACCATCCCATCTTAGTATTCATTGTAGAATTCATTCAGGAGAGAAACCTTACAAA  
 TGTAGTGAATGTGACAAATGCTTTACTCACAAGGCTCTCTGAGAGTTCATCATAAGAATTCATGCAGGAG  
 AGAAACCTTACAAATGTAGTGAATGTGACAAATGTTTTACTGAGAAAAACGGTCTGAGAAGGCATCAGAG  
 AATTCATACAGGAGAGAAACCTTATAAATGCAGTGAATGTGACAAATGCTTTACCCGAAAATCACATCTT  
 AGTATTCATCAGAGAATTCATACAGGAGAGAAACTGTACAAATGCAGTGAATGTGACAAATGCTTTACCC  
 AACATGCCATCTTAGTATTCATCAGAAAATTCATTCAGGAGAGAAACCTTACAAATGCAATGAATGCGAC  
 AAATGCTTTAGTGACAAACACAGTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001177767
- 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\\_001177767.1](#), [NP\\_001171238.1](#)

**RefSeq Size:** 3998 bp

**RefSeq ORF:** 2058 bp

**Locus ID:** 100043034

**Cytogenetics:** 4 E1