

## Product datasheet for **MC227953**

### 4930451G09Rik (NM\_001271586) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	4930451G09Rik (NM_001271586) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4930451G09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC227953 representing NM\_001271586  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACATCCAAGACAAAGCAGTGTGTCCTTGCCAGTTCTCCCTGGGATGCCATCCTTGAGGCTGCCA  
 AAAACCAGCTTCCATCTCTGGATTTCAGACTCGTCCCTGTCTGACTGTGAGGAAGAAGAGCTTTCATCTT  
 TCAGCGGAACGAGCCCGTCTGATTCCAGACCTGACTGAGGAGCTGGCTGAAGACCCTGTTGGTGTGAT  
 GAGTCAGGGACCTGGTTACTGCAGGGAGGAGTCTTACCTGAGCCACTTCTGATTCTGGGAGATTAG  
 CCACAGAACCCAGAAGTGAATGGATGGTAAGATCAAAGGACTTGGCCATCAGGAAAGAAGAGACCCTGG  
 CTGGTCTGTGTCAAGAGCAGCCAGTCTTGTGGATGCTGAGGAGGCGCACAGCTGGCTGGAAGGA  
 AACCTTAGAAGCCTGTCTAACCCAGAGGATCCCTGAGTCTCCATGGTGTTCAGGGAGAAGAAGCCA  
 CCTTTCCTTCAGCAGGAGAGCTGGAGACAGAGCCCTCAGATACTGACTGTAGAAATCTGCGAAGCGCAG  
 AGCCCTCCGAGGATAGGAGGAAAATGAGAGAGAGAGATCCTTCAGAAAGTGACCCAGGCTGCTCAG  
 AGCCCAGCCTGTGGTGACCAAAGCCAGGCTGCAGAGGTAGGACCCAGCAAGAAGCAACCTTGGAGCAGT  
 CTCAGGAAGGATGGCCAGTTCTCTCCCTCAAGCAACTTGAAGCTGGGACTTGGATTACATCCTTCAGAG  
 TCTGCCAGGCCGACAAGACAGCCAGGGCAACAGTGCATCCAGAAGTGCATGGTGGTTAGCTGACCCTGC  
 CAAGACCAAGGACACAGCTCTGGACCCTCCAGGACATGCTCCTGGAACAGCTGGCCCTCCTGTGTGCCA  
 CTCAGTCCAGAGTCTGCAACCCTACCTGGAAAGTATCTGCTGACAAGCTCCAAGACACACAAGAAGAGT  
 CGCCGGAATTAGAAATGCTTCAGCAGAGCCTGGCTTCAAAGTGAAGCAATCCAGAAACCAGCAGAGAGT  
 AGGAGGCTGAAGACAGAACCCCCACCATCTTCATGGACCTGCGGCAGACAGAACCATCAGAACCACCAG  
 AACACCAGTCTCAGGAGAGCTCTGAGCATAGCTCCTCTGACAGTGAAGGAGGAAAGTGGAGTCAAGCAGG  
 CTCAGCACAGGCGACATCTTCTGGGAACAAGGTACTGTACTGGGAAGAGTCAGCTTCTTCAGCAGCTG  
 AGGGCGTTTCGGAAGGGGCTGTTCACCCAGCGCTCTGCCAGTGACAGTCTGGAAGCCAAAAGACTC  
 AGGCCTCAGAAGATACAGCCGGATCACAAACTCGTAGAAAGAAGCACATAAAACCCTGGCCGAGAAGCA  
 GAATGCCCTAGATCTAGGGGACCCTCTGGGACACAGCTGCTCCCTGGTTGGGGCAGCTA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001271586
- Insert Size:** 1464 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001271586.1](#), [NP\\_001258515.1](#)

**RefSeq Size:** 1928 bp

**RefSeq ORF:** 1464 bp

**Locus ID:** 74684

**Cytogenetics:** 16 2.49 cM