

## Product datasheet for **MC221307**

### **Raver1 (NM\_027911) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Raver1 (NM_027911) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Raver1
Synonyms:	1300006N24Rik; AA050359; mKIAA1978
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >MC221307 representing NM\_027911  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGCCGACGTGTCCGTTACTCACCGCCGCCGCTGAGCCCAGAGGGCGAGGCCGAAGCGGAAACTC  
 CCGAGACCGTCGATCGCCGGGCGCCGAACAAGAGTTGCCGCGCTCGATCCGGAAGAGATCCGGAACG  
 CCTGGAACACACTGAGCGCCAGTTCCTGAACCGCCGAAGATACTGATCCGAGGCCCTCCCGGGGACGTG  
 ACCAACCCAGGAAGTACATGACCTCTGAGCGACTACGAACTCAAGTACTGTTTCGTGGACAAATACAAAG  
 GGACAGCTTTTGTGACTCTGCTGAATGGGGAGCAGGCTGAAGCTGCCATCAACACCTTCCACCAGAGCCG  
 CCTTCGAGAGCGGGAGCTGTGAGTTCAGTTGCAGCCTACCGATGCTCTGCTGTGCGTGGCCAACTACCA  
 CCTAGTCTGACACAGGCACAATTTGAAGAGCTGGTGGCCCTTTGGCAGCCTGGAGCGCTGCTTCTAG  
 TGTACAGTGAAGCAGTGGCCACTCTAAGGATATGGCTTTGCAGAGTACATGAAGAAAGACTCAGCAGC  
 CAGGGCCAAGTCTGACTTGTGGCAAGCCACTGGGCCACGCACACTGTATGTGACTGGACAGATGCT  
 GGGCAGCTGACCCCTGCATTGTTGCACTCTCGATGCCTCTGTGTGGACCCTGCCACCTGGCTTACGTG  
 ATGTGGATGCCCTGCGCCGGGCTCTGTGAGTGGTCTATACCCCACTTCTGTGACTGGCATGTGGCCA  
 GGATGGGACGCTAAAGGGCTTCGCGGTGCTGGAGTACGAGACAGCAGAGATGGCAGAGGCAGCACAAAGAA  
 CGGGCAGATGGCCAGGCCCTGGGTGACAGCCACTACGTGTGCTTTCTGTGCCCCAGGTCCCCCTGGCC  
 GCAGCATGCTAGCAGCACTATTGCTGCCAGGCCACGGCTTTAATCGAGGCAAGGGACTCCTGCCTGA  
 GCCAAATCTTCTGAGCTGTTGAACAACCTGGGCCATCTGCATCCCTCCAGTGTCTCTCAACCCTCTG  
 CTTTATGGGGAGCCAGTGGCAAGCAGGGTCTCCTGGTGGCCCCCTGCTATGCCACTGCTCAGCGGGC  
 CTGCCCTGTCCACTGCTGCACTAGCCCTGCAGAGCCAGAGCCAGAACCAGAGCCAGGGTCAAGAA  
 GAAGCCTGGGATCCTGGGCGACTCACCTCTGGGTACCCTCCAGGCCGGGGCCCAACCTTCCAACCTCCCTC  
 CTTGGGGAGCTGTCTGCAGGGGGGGCCTAGCCCGGAACTGCCGCCCGCCGAGGGAAGCCACAACCCCT  
 TACTACCACCATTTGCTGGGTCCCTCTGGGGGTGACCGGGAGCCATGGGTCTGGGTCCCCAGCAACCCA  
 GCTCACTCCACCCAGCCCTGTGGGGTCCGAGGCTCAACCATAGAGGCTCCCAAAGGACAGTGGG  
 CCCCTGCCAACGCCCTGGGGTCTCACTGCTGGGGAGCCCCAAAGGACTACCGCATCCCCCTCAACC  
 CCTACCTGAATCTACACAGCCTGCTTCCATCCAGTAACCTGGCAGGCAAGGAGACCCGGGGTGGGGAGG  
 CTCTGGGAGAGGCCGCCCCAGCTGAGCCCCCTTGCCTAGCCCTGCAGTTCCTGGTGGAGGCAGTGGT  
 AGCAACAATGGCAACAAGCCTTCCAAATGAAGTCCCGCCTGCTCAGCCCATCGCCAGCAACCGCCTGC  
 CCCTGAGCCAGGCTGCCTGACAGCTATGGCTTTGATTATCCACAGATGTGGGACCTAGACGACTCTT  
 CTCCCACCTCGGGAACCAACCTTAGGGGCTCATGGCCCCAGCCGACACAAGATGTCCCCCCACCTAGC  
 AGCTTCAATGAGCCCCGAAGTGGTGGAGGCAGTGGGGACCCCTCTCTCATTTTTACTCTGGCTCACCCA  
 CCTCTACTTACCAGTGGCCTACAGGCTGGCCTCAAGCAGAGCCACTGAACAAGGCTGTTGGTTCCTC  
 TCCAATGGGCTCCAGTGAAGGGCTCCTGGGCTGGGCCCTGGGCCAATGGTACAGTACCTGTGAAG  
 ACCCCACTGGGTGGCCAGAAACGCAGTTTTTCCACCTGCTGCCCTCACCTGAGCCAGCCAGAGGGCA  
 GCTACGTGGGCCAGCACTCCAGGGCTCGGCGGCCACTACGCGGACTCTACCTGAAGCCGAAGAGGAT  
 TTT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_027911  
**Insert Size:** 2247 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_027911.3</a> , <a href="#">NP_082187.1</a>
<b>RefSeq Size:</b>	3465 bp
<b>RefSeq ORF:</b>	2247 bp
<b>Locus ID:</b>	71766
<b>UniProt ID:</b>	<a href="#">Q9CW46</a>
<b>Cytogenetics:</b>	9 A3
<b>Gene Summary:</b>	Cooperates with PTBP1 to modulate regulated alternative splicing events. Promotes exon skipping. Cooperates with PTBP1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA.[UniProtKB/Swiss-Prot Function]