

## Product datasheet for **MC227456**

### 5730507C01Rik (NM\_001033157) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 5730507C01Rik (NM\_001033157) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** 5730507C01Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227456 representing NM\_001033157  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCCGGACCAGATCTCCGTGTCGGAATTCGTGGCCGAGACCCTTGAGGACAACAAGGCCGCCACCGCCT  
 CTAGCTTCACCACGAGCACGGCCAGTGCCGGGCAACCGTGGCGCAATCGAGGAGGATGCAGTGACTTA  
 TGATGATGTGCATGTGAACCTCACTGGGAAGAGTGGAATTTGCTGGATCCTTCCAGAAGAGTCTCTAC  
 AAAGATGTGATGCTGAAACCTACTGGAACCTCGCTGTTATAGGCTACACTTGGGAAAACCATCATATTG  
 AAAGACATTGTCAAAGTTCAAGAAGAAATGAAAGGTATGTAAGTAATCATAGTGGAGAGAACTCTATGA  
 ATGTAATGAACGTTCTAAAGCCTTTTCATGTCCAGTCATCTCCAAAGTAATATAAGAAGACAAATTGGA  
 GAGAAAATACATGAACATAATCAATGTTGTAAAGCCTTTCCAACACCCAGTCATCTTCAATATCATAAAA  
 GAATCCACTGGAGAGAAACCTTATGAATGCCATCAATGTGGTCAAGACTTTAAAAATGCAGTCATCT  
 CCAATGTCATAAAAGAACACATACTGGAGAGAAATCTTATGAATGTAATCAATGTGGTAAACCTTTGCA  
 CAACTGGGAAGTTTAAATCGTCATAAAAGAACACATACTGGAGAGAAACCTATGAATGTCATCAATGTG  
 GTAAAGCCTTTGCAGACTCAGTAGTCTCCACTGTCATAAAAGAACACATACTGGAGAGAAACCTATGA  
 ATGTAATCAATGTGGTAAAGCCTTTTACAACCCAGTCATCTCCAATCTCATAAAAGAACACATACTGGA  
 GAGAAACCTATGAATGTAATCAATGTGGTAAAGCCTTTGCAGAACTCAGTAATCTCCAACGTCATAAAA  
 GAACACATACTGGAGAGAAACCTATGAATGTAATCAATGTGGTAAAGCCTTTGCAGGTCACAATGTTCT  
 CCAATCTCATCAAAGAACACATACTGGAGAGAAACCTATGAATGTAATCAATGTGGTAAAGCCTTTGCA  
 GGTACATTTGTCTCCAATATCATAAAAGAACTCATAATGGAGAGAAACCTCGAAACGTAATCAATGTGA  
 TAAAGACTTTTCAAAGTTGTTGTCTCTATAATCATAAAAGAACCCATATTAG**ATAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001033157



<b>Insert Size:</b>	1179 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u><a href="#">NM_001033157.4</a></u> , <u><a href="#">NP_001028329.1</a></u>
<b>RefSeq Size:</b>	2470 bp
<b>RefSeq ORF:</b>	1179 bp
<b>Locus ID:</b>	236366
<b>Cytogenetics:</b>	12 A1.2