

## Product datasheet for **MC213007**

### 4833427G06Rik (NM\_177702) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 4833427G06Rik (NM\_177702) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** 4833427G06Rik  
**Synonyms:** MGC58631  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC213007 representing NM\_177702  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAACGGGGCCAGAGGCTGTCTAGCGGCAGGAAGGAATCCAGGAAATCTGCTCCCCTGGATTAC  
TGGTGTTACCGGCTGCTCTGAGCAGGATGCCAATTTGGCTAAGCAGTTTGGCTCGGGGCGTCCATGTA  
CCCCACTACCGAATCTCAGCTCGTGTGACCCGAGGCAGCAGTCAGAGGCTACCGGTGGCGGGAATCT  
AAAGTCGTTCTGAGAGAGAAAAGTTCTGTCCAGCCCTTCCCTTTGATCAGGACAAGGATGCAATTATCT  
TTGCTAAAGCCAAAGGATTCAGGAATCTGAAGAGAGAGCAAAGTATCTCCAAAAGGCCAAAACGCGAGA  
TGAGATTCTCAAACCTTTAAGGAAACAAAGAGAAGAAAGGATCTCGAAAGAACTGATTTACCTTAT  
AAACCTAAGGACAAAGTGCCCAAATCAAAGGAAGTTTTATCAGAGTCAGGCCTAAGGGACCAAGAAGAAG  
TCAAAGCCTTGGAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_177702  
**Insert Size:** 507 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).



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<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_177702.3</a> , <a href="#">NP_808370.1</a>
<b>RefSeq Size:</b>	805 bp
<b>RefSeq ORF:</b>	507 bp
<b>Locus ID:</b>	235345
<b>UniProt ID:</b>	<a href="#">Q80Y73</a>
<b>Cytogenetics:</b>	9 A5.3
<b>Gene Summary:</b>	Required for motile ciliogenesis and flagellar genesis by mediating the maturation of the glycolytic enzyme ENO4.[UniProtKB/Swiss-Prot Function]