

## Product datasheet for MC211026

### Dopey2 (NM\_026700) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dopey2 (NM\_026700) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dopey2  
**Synonyms:** 0610038M01Rik; 2610510B01Rik; AI503246; C21orf5; mKIAA0933  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211026 representing NM\_026700  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGACCCGGAGGAGCAGGAGCTACTGAACGATTACAGATACAGAAGCTACTCCTCAGTAATCGAGAAGG  
 CGTTGAGAACTTTGAGTCCTCCAGCGAATGGGCAGATCTCATCTCTTCGCTCGGCAAGCTCAACAAGGC  
 TCTCCAGAGCAACTGAAGTATTCCTCCTACCACGGCGGCTCATCATCAGCAAGAGGCTAGCTCAGTGC  
 TTGCATCCTGCCCTGCCAGTGGCGTTACCTAAAAGCCCTAGAAACCTACGAGATCATCTTCAAGATTG  
 TGGGAACCAAATGGCTGGCCAAGGACTTGTCTGTACAGCTGTGGCTTATCCCCCTACTGGCCTATGC  
 CGCCATGTCGGTCCGGCCCGTGTCTTGGCCTGTATGAGAAGTACTTCTCCCGCTGCAGAAGCTGCTC  
 CTGCCAGTCTTCAGGCCTTCTTGTGGGTCTGCTGCCCGCCTGGAAGAAGGCTCTGAGATCTATGAAA  
 GGTTGGTGGATATCATGTCTGGGCTGCAGGCTTATCTGTGGGAACCTGTTCTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_026700  
**Insert Size:** 549 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>	<u><a href="#">NM_026700.2</a></u> , <u><a href="#">NP_080976.1</a></u>
<b>RefSeq Size:</b>	817 bp
<b>RefSeq ORF:</b>	549 bp
<b>Locus ID:</b>	70028
<b>UniProt ID:</b>	<u><a href="#">Q3UHQ6</a></u>
<b>Cytogenetics:</b>	16 C4
<b>Gene Summary:</b>	<p>May be involved in protein traffic between late Golgi and early endosomes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks multiple 3' exons and has an alternate 3' end, as compared to variant 1. The encoded isoform 2 has a much shorter and distinct C-terminus, as compared to isoform 1.</p>