

## Product datasheet for **RN217153**

### **Dvl2 (NM\_001172056) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dvl2 (NM_001172056) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dvl2
Synonyms:	Dvl-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN217153 representing NM\_001172056  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGGCAGCAGCGCGGGGGCGGTGGTGTAGCGGAGACGAAGGTGATTTACCATCTGGATGAAGAAG  
 AGACTCCTTACCTGGTGAAGATCCCTGTCCCGGGGAGCGCATCACGCTCGGCGATTTCAAGAGCGTTTT  
 GCAGCGGCCCGCGGGCGCTAAGTACTTTTTCAAGTCTATGGATCAGGATTTGGGGTGGTGAAGGAAGAG  
 ATCTCTGACGACAGTGCCCGCTACCTTCTTCAATGGAAGGGTGTCTCCTGGCTGGTGTATCAGAGA  
 GCCCCAGCCTGAGACAGCGCCCTGCCATGAGTCTCGGACAGAACTGGTTCTCCACCTCCACCATT  
 ACCCCCTTTGCCACCAGAAAGGACCAGTGGCATTGGGGACTCAAGGCCTCCATCCTTCCACCCTAATGTA  
 TCCAGTAGCCATGAAAATCTAGAGCCTGAGACAGAACTGAATCCGTCGTATCACTGAGACGAGACCAGC  
 CTAGGAGGAGAGACAGCAGTGGCATGGCGCTGGTGGCCACAGGCCTGGCGTCCCCTCAAGGCTGGAGCG  
 CCACCTGGCTGGGTATGAGAGCTTCCACCCTCATGACCAGCGAACTGGAAAGTACCAGCTTAGGAGAT  
 TCAGATGAGGATGACAGCATGAGTAGGTTGAGCAGCTCCACTGAGCAGAGCAGTGCCTCCCGCTCCTCA  
 AGCGCCACCGAAGGCGAAGGAAGCAGCGGCCGCCACGCATGGAGAGGACCTCATCCTCAGCAGTGTAC  
 AGATTCTACAATGTCTCTCAACATCATCACAGTCACTCAACATGGAGAAATACAACCTTCTGGGTATC  
 TCCATTGTGGGCCAAAGTAAACGAGCGTGGTACGGAGGCATCTATATAGGCTCCATCATGAAAGGGGGAG  
 CGGTGGCTGCAGATGGGCGGATCGAGCCTGGAGACATGCTTTTGCAGGTAACGACATGAACTTTGAGAA  
 CATGAGCAATGACGATGCTGTGCGGGTCTGAGAGACATTGTACACAAGCCAGGCCCCATCGTGTCCACC  
 GTGGCCAAAGTGTGGGATCCCTCTCCCCAGGCCTACTTCAACCCTCCCCGAAATGAGCCCATACAGCCAA  
 TTGATCCAGCTGCCTGGGTGCCATTCAGTTCGCTAACCAGTGCCTTCCCTGCTTACCCCGGCTCTTC  
 ATCTATGAGCACTATCACATCTGGCTCCTCTGCTGATGGCTGTGAAGGCCGGGTCTCTCTGTCCAC  
 ATGGACATGGCCTCTGTGACCAAGGCCATGGCAGCCCCAGAGTCTGGGCTTGAAGTCCGGGACCGCATGT  
 GGCTCAAGATCACCATCCCAAACGCCTTCTAGGCTCGGATGTGGTAGACTGGCTGTATCACCATGTGGA  
 AGGCTTTCCTGAGCGCCGGGAGGCCCGCAAGTACGCCAGTGGGCTGTTGAAGGCGGGACTCATCCGGCAC  
 ACTGTCAACAAGATTACTTCTCTGAGCAGTGTACTATGTTTTCGGGGACCTCAGTGGTGGCTGCGAGA  
 GTTACCTAGTTAACCTGTCTCTGAATGACAACGATGGTCCAGTGGGCTTCCAGACCAGGATACTCTGGC  
 TCCTTCTCTGGAGCTACTCCCTGGCCCTGCTGCCTACCTTCTCCTACCAATACCCAGCCCCGACCCCC  
 TACAGCCACAGCCTCCGCCCTATCATGAGCTTTCGTCCTACAGCTATGGCGGAGGCAGTCCAGCAGCC  
 AGCACAGTGAAGGGAGCCGGAGCAGTGGTCAACAAGAAGTATGGGGGGCCGGGCGCACAGGGAGGCC  
 TGAGGAACGGGCCCTGAGTCAAAGTCTGGCAGTGGCAGTGAAGTCTGAACTCTCCAGCCGGGAGGCAGC  
 CTTCCGGCGGGGTGGGGAACCTGGTGGGACTGGTGGTGGTGGACCCCTCCATCCAGGGGCTCAGCAGGTG  
 GTACTCTAACCTCCGAGCTCTCCAGGCCTCCATCCCTATGGACCTCCACCTGGCATGGCTCTCCCTA  
 TAACCCCATGATGGTAGTCATGATGCCTCCACCCCAACCCCTGTCTCGACAGCAGTACAGCCCCCTGGT  
 GCCCTCCAGTCAGAGACCTGGGCTCTGTGCCCCAGAAGTACAGCTAGCCGTACAGCTTCCACATGG  
 CCATGGGCAACCCAGTGAAGTTTTTTGTAGATGTTATG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001172056  
**Insert Size:** 2211 bp

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
<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_001172056.1</a></u> , <u><a href="#">NP_001165527.1</a></u>
<b>RefSeq Size:</b>	2785 bp
<b>RefSeq ORF:</b>	2211 bp
<b>Locus ID:</b>	303251
<b>Cytogenetics:</b>	10q24