

## Product datasheet for RN201917

### Dmtn (NM\_001108385) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dmtn (NM\_001108385) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dmtn  
**Synonyms:** Epb4.9; Epb49  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN201917 representing NM\_001108385  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAACGTCTGCAGAAGCAACCTTTACCTCCCCGGGGAGCGTCAGCTCCTCCAGAGACTCCAGTGTAC  
 CCGGCTCTCCCTCAACATCGTGGCCAAGATGGACAACCAAGGTGTTGGGTACAAAGACCTGGCCGCCAT  
 CCCCAGGACAAGGCCATCCTGGACATTGAGAGACCTGACCTCATGATCTACGAGCCCCATTTTACCTAT  
 TCCTCCTGGAACACGTAGAGCTTCCCAGAAAGTCGGGAGTGCTCACTGTCAACCAATCCACATCCCCAC  
 CACCTTCTCCAGAGGTGTGGCGGAGAGCCGGACACTTGAATCATCTCTCAGGCTTCAACCAAGGAC  
 CACAGGAACCCCAAGGACCAGCCTGCCCATTTCCACCACCCTGAGACTACCCGCCCGGATTCCAACATC  
 TACAAGAAGCCACCCATCTACAAGCAGAGAGAATCGGTGGGAGGCAGCCCTCAGAGCAAGCACCTCATCG  
 AGGACCTCATCATTGAGTCATCCAAGTCCCAGCAGCACAGCCCTGATCCCAACCAGCCAGCCAAGAT  
 AGAGACTGACTATTGGCCGTGTCCCCGTCGCTGGCTGTTGTGGAGACAGAATGGAGGAAGCGGAAGGCA  
 TCTCGAAAGGGCGCAGAGGAAGAGGAGGAGGAGGAAGATGATGACTCTGAAGAGGAGATTAAGGCCATCA  
 GGGAGCGGCAGAAAGAGGAACCTCAGTAAGGTTACTTCCAACCTGGGAAAGATGATCTTGAAGAAGAGAT  
 GGAAAAGTCATTGCCATCCGGAGGAAAACGCGCTCTCTGCCTGACCCGGACACCCTCCATACCTCCTTG  
 CATTCCGGAAACGTCTAAGTCCTCGTCCCTTCTTCTTCTATGGCAGGACCACCCTGAGTCGGCTACAGTCCA  
 CAGAATTCAGCCCATCCGGAAGTGAGGCTGGGAGCCAGATCTATCCCT**ATGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001108385  
**Insert Size:** 963 bp



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<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>	<u><a href="#">NM_001108385.1</a></u> , <u><a href="#">NP_001101855.1</a></u>
<b>RefSeq Size:</b>	2682 bp
<b>RefSeq ORF:</b>	963 bp
<b>Locus ID:</b>	361069
<b>Cytogenetics:</b>	15p11