

## Product datasheet for **RN209028**

### **Dmap1 (NM\_001015006) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dmap1 (NM_001015006) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dmap1
Synonyms:	MGC109435
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209028 representing NM\_001015006  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTACGGGCGCAGATGTACGAGACATTCTAGAACTCGGGGTCCAGAGGGAGATGCCGCTTCTGGGA  
 CCATCAGCAAAAAGGATATTATCAACCCGACAAGAAAAAGTCCAAGAAGTCTCAGAGACTGACCTT  
 CAAGAGGCCGGAGGGCATGCATCGGGAGGTCTATGCTTTGCTTTACTCTGACAAAAGGACGCACCCCA  
 CTGCTTCCAGTGACACCGGTACGGGTACCGGACAGTGAAGGCTAAGTTGGGGTCCAAGAAGTCCGAC  
 CTTGGAAGTGGATGCCATTTACCAACCCAGCTCGAAAGGATGGTGTATGTTTTTCCACTGGCGCCGAGC  
 AGCGGAGGAGGGCAAGGACTACCCTTTCGCCAGGTTCAATAAGACAGTACAGGTGCCGTGACTCAGAG  
 CAGGAGTACCAGCTCTACCTTACGATGATGCATGGACTAAGGCAGAGACTGACCATCTCTTTGACCTCA  
 GCCGCCGATTTGATTTGCGCTTCGTAGTTATTCACGATCGGTATGACCACCAGCAGTACAAGAAGCGTTC  
 TGTGGAGGACCTGAAAGAGAGGTACTACCACATTTGTGCTAAGCTTGCCAACGTGAGGGCTGTGCCAGT  
 ACAGATCTCAAAATACAGTATTTGATGCTGGACATGAGAGACGGCGGAAGGAACAGCTGGAGAGACTTT  
 ACAACCGAACCCAGAGCAGGTGGCAGAGGAGGAGTACCTGTCCAGGAGCTTCGTAAGATTGAGGCCCG  
 GAAAAAGAGCGGGAGAAGCGCAGCCAAGACCTGCAGAAGCTGATTACCGCAGCAGACACCACCGCAGAG  
 CAGCGGCGCACAGAACGCAAGGCTCCCAAGAAGAAGCTACCCAGAAGAAGGAGGCCGAGAAGCCGGCTG  
 TTCCTGAGACTGCGGGCATCAAGTTCCAGACTTTAAGTCAGCGGGTGTGACATTACGGAGCCAGCGGAT  
 GAAGCTGCCAGCTCTGTGGTCAAGAAGATCAAGGCGCTGGAACAGATGCTGCTGGAACCTTGGTGTG  
 GAGTCTGAGCCCTACGCCACAGAGGAGCTGGTGCATATGTTCAATGAGTTGCGGAGTACCTGGTGTAC  
 TCTACGAGCTCAAGCAGGCTGTGCCAACTGTGAATATGAGCTGCAGATGCTACGGCACCCGCATGAGGC  
 TCTGGCTCGGGCAGGAGTGTGGGGGCCCTGCCACACCAGCAGTGGGACCAACCCAGCGTCTGCTGAG  
 CCAACAGTGTCTGAATCTGGACTTGGTCTTGACCTAGCAAGGACACCATCATTGATGTCGTGGGTGCAC  
 CGCTCACACCCAATTCGCGGAAACGACGGGAATCAGCCTCCAGCTCATCTCTGTGAAGAAAGCCAAGAA  
 ACCATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001015006

**Insert Size:** 1407 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).

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM\\_001015006.1](#), [NP\\_001015006.1](#)  
RefSeq Size: 1593 bp  
RefSeq ORF: 1407 bp  
Locus ID: 298447  
Cytogenetics: 5q36