

Product datasheet for **RR209028**

Dmap1 (NM_001015006) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR209028 representing NM_001015006
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTACGGGCGCAGATGTACGAGACATTCTAGAACTCGGGGTCCAGAGGGAGATGCCGCTTCTGGGA
 CCATCAGCAAAAAGGATATTATCAACCCGACAAGAAAAAGTCCAAGAAGTCTCAGAGACTGACCTT
 CAAGAGGCCGGAGGGCATGCATCGGGAGGTCTATGCTTTGCTTTACTCTGACAAAAGGACGCACCCCA
 CTGCTTCCAGTGACACCGGTACGGGTACCGGACAGTGAAGGCTAAGTTGGGGTCCAAGAAGTCCGAC
 CTTGGAAGTGGATGCCATTTACCAACCCAGCTCGAAAGGATGGTGTATGTTTTTCCACTGGCGCCGAGC
 AGCGGAGGAGGGCAAGGACTACCCTTTCGCCAGGTTCAATAAGACAGTACAGGTGCCGTGACTCAGAG
 CAGGAGTACCAGTCTACCTTACGATGATGCATGGACTAAGGCAGAGACTGACCATCTCTTTGACCTCA
 GCCCGCATTTGATTTGCGCTTCGTAGTTATTCACGATCGGTATGACCACCAGCAGTACAAGAAGCGTTC
 TGTGGAGGACCTGAAAGAGAGGTACTACCACATTTGTGCTAAGCTTGCCAACGTGAGGGCTGTGCCAGT
 ACAGATCTCAAAATACAGTATTTGATGCTGGACATGAGAGACGGCGGAAGGAACAGCTGGAGAGACTTT
 ACAACCGAACCCAGAGCAGGTGGCAGAGGAGGAGTACCTGCTCCAGGAGCTTCGTAAGATTGAGGCCCG
 GAAAAAGAGCGGGAGAAGCGCAGCCAAGACCTGCAGAAGCTGATTACCGCAGCAGACACCACCGCAGAG
 CAGCGGCGCACAGAACGCAAGGCTCCCAAGAAGAAGCTACCCAGAAGAAGGAGGCCGAGAAGCCGGCTG
 TTCCTGAGACTGCGGGCATCAAGTTCACAGACTTAAAGTACGCGGGTGTGACATTACGGAGCCAGCGGAT
 GAAGCTGCCAGCTCTGTGGTCAAGAAGATCAAGGCGCTGGAACAGATGCTGCTGGAACCTTGGTGTG
 GAGCTGAGCCCTACGCCACAGAGGAGCTGGTGCATATGTTCAATGAGTTGCGGAGTGACCTGGTGTAC
 TCTACGAGCTCAAGCAGGCTGTGCCAACTGTGAATATGAGCTGCAGATGCTACGCCACCCGCATGAGGC
 TCTGGCTCGGGCAGGAGTGTGGGGGCCCTGCCACACCAGCAGTGGGACCAACCCAGCGTCTGCTGAG
 CCAACAGTGTCTGAATCTGGACTTGGTCTTGACCTAGCAAGGACACCATCATTGATGTCGTGGGTGCAC
 CGCTCACACCAATTCGCGGAAACGACGGGAATCAGCCTCCAGCTCATCTCTGTGAAGAAAGCCAAGAA
 ACCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR209028 representing NM_001015006
 Red=Cloning site Green=Tags(s)

MATGADVRDILELGGPEGDAASGTISKKDIINPDKKKSKKSSETLTFKRPEGMHREVVYALLYSDKKDAPP
 LLPSDTGQGYRTVKAKLGSKKVRPWKMPFTNPARKDGAMFFHWRAAEEGKDYPFARFNKTVQVPVYSE
 QEYQLYLHDDAWTKAETDHLFDLSRRFDLRFVVIHdryDhQYKKRSVEDLKERYYHICAKLANVRAVPG
 TDLKIPVFDAGHERRRKEQLERLYNRTPEQVAEEYLLQELRKIEARKKEREKRSQDLQKLITAADTTAE
 QRRTERKAPKKLPQKKEAEKPAVPETAGIKFPDFKSAGVTLRSQRMKLPSSVGQKKIKALEQMLELGV
 ELSPTPTPEELVHMFNELRSDLVLLYELKQACANCEYELQMLRHRHEALARAGVLGGPATPAVGPTPASAE
 PTVSESLGLDPSKDTIIDVVGAPLTPNSRKRRESASSSSSVKKAKKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

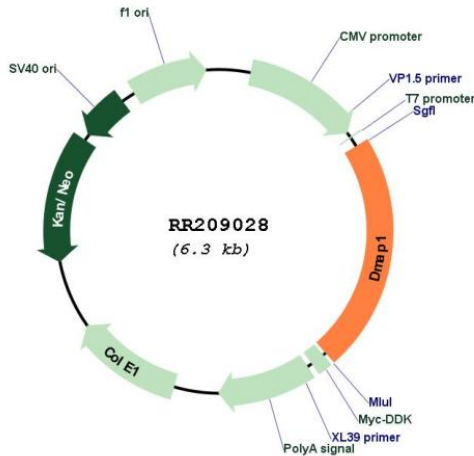
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001015006

ORF Size: 1404 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

MW: 53.2 kDa