

## Product datasheet for **RR217375**

### **Dlgap3 (NM\_001276304) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dlgap3 (NM_001276304) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dlgap3
Synonyms:	DAP-3; Dap3; SAPAP3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

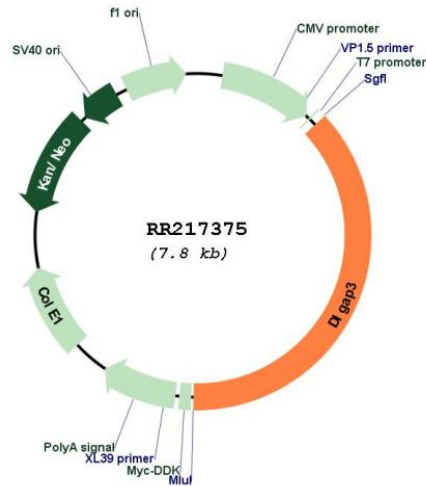
>RR217375 representing NM\_001276304  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGGTTACCATGGCGACCGAGGCAGCCATCCCCGCCAGCCCGCTTGTGACCAACAGCATATGG  
 ACGTGGGCCAGCTGCCAGGGCCCCGTACTGCTGGGCTCCAGGGAGGCCTTCTCCACCGAGCCCCGCTT  
 CTGTGCCCCGAGAGCTGGCCTGGGACACCTTTCTCCAGAAGGGCCCTGAGCCTGAGTGAGGGTCCATCA  
 TCTGTAGGCCCCGAGGGAGGCCAGGGGGGTGGGGGCTGGGGGAGGCAGCAGTACCTTCCCAGGATGT  
 ACCCGGGCCAGGGCCCCCTTGACACCTGTGAAGACTGTGTGGGCCACCCACAGGGCAAGGGTGCCACCCG  
 CCTGCCTCCACACTCCTGGATCAGTTTAAAAGCAGTTGCCAGTTCAACAAGATGGCTTCCACACTC  
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 AGAGTCTAGCCGCATCCGGCACCTGGTCACTCTGTGCAGAAGCTCTTGGCAAGTCCCCTCTCTGGA  
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 TCTGGTCCAGGCTCAGGAGGCCCCCCACCTCCCACCACCACCATCACCACCACCACCATCACCACCACC  
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 TCCTGGCGGCAAGCGCGCCGCTCGTTCGCCACAGTTCGGCTACTGAGAGCGCGGACAGCATCGAGAT  
 CTACATCCCCGAGGCCAGACCAGGCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**Plasmid Map:**


**ACCN:** NM\_001276304

**ORF Size:** 2898 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\\_001276304.1](#), [NP\\_001263233.1](#)

**RefSeq Size:** 3688 bp

**RefSeq ORF:** 2901 bp

**Locus ID:** 286923

**Cytogenetics:** 5q36

**MW:** 104.7 kDa

**Gene Summary:** binds neuronal cell guanylate kinase PSD-95/SAP90; may play a role in post synaptic density structure and synaptic function [RGD, Feb 2006]