

Product datasheet for **RR208456**

Dlgap3 (NM_173138) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dlgap3 (NM_173138) 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



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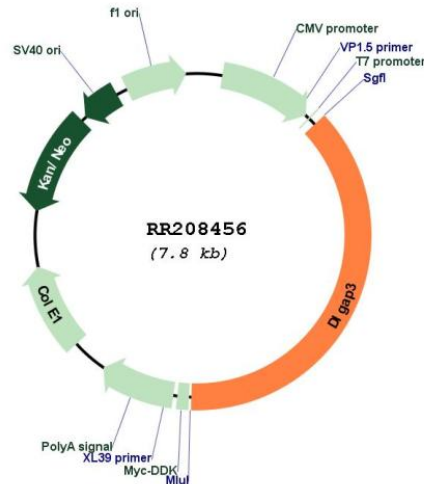
ORF Nucleotide Sequence:

>RR208456 representing NM_173138
 Red=Cloning site Blue=ORF Green=Tags(s)

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 GCC**CGCATCGCC**

ATGAGGGGTTACCATGGCGACCGAGGCAGCCATCCCCGCCAGCCCGCTTGTGCTGACCAACAGCATATGG
 ACGTGGGCCCAGCTGCCAGGGCCCCGTACTGCTGGGCTCCAGGGAGGCCTTCTCCACCGAGCCCCGCTT
 CTGTGCCCCGAGAGCTGGCCTGGGACACCTTTCTCCAGAAGGGCCCTGAGCCTGAGTGAGGGTCCATCA
 TCTGTAGGCCCCGAGGGAGGCCAGGGGGGTGGGGGCTGGGGGAGGCAGCAGTACCTTCCCAGGATGT
 ACCCGGGCCAGGGCCCCCTTGACACCTGTGAAGACTGTGTGGGCCACCCACAGGGCAAGGGTGCCACCCG
 CCTGCCTCCACACTCCTGGATCAGTTTAAAAGCAGTTGCCAGTTCAACAAGATGGCTTCCACACTC
 CCATACCAGCGAGGTCCAGCAGGGCCTGGTCTGGACCTGGATCTGGCGTGCCTGAGGCTCGCAGCG
 AGAGTCTAGCCGCATCCGGCACCTGGTCACTCTGTGCAGAAGCTCTTGGCAAGTCCCCTCTCTGGA
 GGCACCTGGGAAGCGAGACTATAATGGGCTAAGGCCGAGGAAGAAGTACTCTGGGGGAGACAGCTAC
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 TGGACCGCAGCGCAGGAAGCGCGCAAGCGGCTCCTGGCGGCCAAGCGCGCCCTCGTCCGCCACAG
 TTCGGCTACTGAGAGCGCGGACAGCATCGAGATCTACATCCCCGAGGCCAGACCAGGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Plasmid Map:


ACCN: NM_173138

ORF Size: 2931 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_173138.4](#), [NP_775161.2](#)

RefSeq Size: 3873 bp

RefSeq ORF: 2934 bp

Locus ID: 286923

Cytogenetics: 5q36

MW: 105.9 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]