

## Product datasheet for MC202797

### Dlgap3 (NM\_198618) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dlgap3 (NM\_198618) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dlgap3  
**Synonyms:** BC058433; DAP-3; DAP3; Prpl8; Sapap3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC057615 sequence for NM\_198618  
 CCGGTCCGGGAGCCCGACTCGCTCCCGCAGCCGACGCCCCCGGCCCGGCCGCCACCATGTAAC  
 CCCGGCTGGAGCCCGACCGGGCCAGGACCCAGTGGTCTCGCCCTGCTGAAGTTAGATTCTGCCTGGTG  
 GTGGGGATCCTGACATCAAGGATGGGACACCCCGATGGAGTTCTGGGGCCTGGCCCCAACAAATATG  
 AAGAGCCTTTGCTGAGGCCATGAGGGGTTACCATGGCGACCGAGGACCCATCCCCGCCAGCCCGCTTT  
 GCTGACCAACAGCATATGGACGTGGGCCAGTCCAGGGCCCCGTACCTGCTGGGCTCCAGGGAGGCCCT  
 TCTCCACCGAGCCCGCTTCTGTGCTCCGAGAGCTGGCCTGGGACACCTTTCTCCAGAAGGACCCCTGAG  
 CCTGAGTGAGGGTCCATCATCAGTAGGCCCTGAGGGAGGCCAGGGGGGTGGGGCTGGGGGAGGCAGC  
 AGTACCTTCCCCAGGATGTACCCCGGCCAGGGCCCTTCGACACCTGTGAAGACTGTGTGGGCCACCCAC  
 AGGGCAAGGGTGCCACCCGACTGCCTCCACACTCCTGGACCAGTTTAAAAGCAATTGCCAGTCCAACA  
 AGATGGCTTCCACACTCCCATACCAGCGAGGTCAGCAGGGCCTGGTCTGGACTGGATCTGGCGCT  
 GCCCCCGAGGCTCGCAGCGAGAGTCTAGCCGCATCCGGCACCTGGTTCACTCAGTGCAGAAGCTCTTTG  
 CCAAGTCCCACTCTCTGGAGGCACCCGGGAAGCGAGACTATAACGGGCCAAAGGCCGACGGAAGAGGTAG  
 CTCTGGGGGAGACAGTACTCTGGTCCAGGCTCTGGAGGCACCCCACTCCACCACCACCATCACCAC  
 CACCATCACCACCACCAGTCCCGGCATGGCAAACGGAGCAAGAGCAAGGACCCGCAAGGGGGATGGGC  
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 ATGGACAGTCAGTCAAGCGAAGTGCCTGGCATAACCATGATGATGTCAGCCAGGGCCGGGATGGATACCCAGG  
 GGCCGGGCCAGGCAAGGGGCTCCTGGGTCCAGAGACCAAGGCCAAAGCCAGGACTTATCACTATTTGCAG  
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 GGAGCGGCAGCTACATCAAAGCCATGGGGGATGAGGAGAGTGGAGACTCAGATGGTAGCCCCAAGACGTC  
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 TAAGCGAAGAGTTTAAACCAGCAGCTGGAGGCCGTGTGCGGGTCCGTGTTTGGGGAGCTTGAGTCCCAGGC  
 CGTGGACGCCCTGGACCTGCCCGCTGTTCCGCATGCGGAGCCACAGCTACCTCCGGGCCATCCAGGCC  
 GGCTGCTCTCAAGACGACGACTGCCTACCCTCCTTGCTGCCCTGCCTCTGCTCAGGGAGGCCCGCT



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CCTCCTTCAACTTCAGAAAGGCCCGCCCCCATCCC GCCGGGAAGCCAGGCCCCACCCGCATCTCCAT
CACCGCCAGAGCAGCACC GACTCTGCCACGAGAGCTTACC GCAGCAGAGGGCCCGGCCGCTGC
AGCTCCGCGGACGGGCTGGACGGCCCAACATGGGCGCACGCACCTCGAGTTGGCACCGGTGCCACCC
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CACCTTTTTCCCCCATGGGCACCATCTGCCATTATTTTACCCTCCACGGGCCAGGCCGGGCCGGGT
CCCCATCTGGGCTCTGCGTCCCCCCACACCCCGCGGGGCTGGGCTTCTGGGGATCAAGCTTCGTGGC
TTTTTATGAAGAATCCCGAACCCCGCTAGGAGCCCGCCACCTTCCCAGGGCTCCACCCTCAGCCCTC
TGCCACAGGGCCAGGGACCACAGTGGCTGGACCAATCCAGGACCAGGGCGCTGGGCCTCTCCCTTT
CCCACATCTGGGAGGGGAGACAGGGGTTTCCCTCACCACACTGTGGCTGTTCCACATCCCTTTGAG
TATCCAGGAAAAATAAAACCGCAGAACTGCCCGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Ascl-NotI
- ACCN:** NM\_198618
- Insert Size:** 2934 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:** [BC057615](#), [AAH57615](#)

RefSeq Size: 3845 bp

RefSeq ORF: 2934 bp

Locus ID: 242667

UniProt ID: [Q6PFD5](#)

Cytogenetics: 4 61.33 cM

**Gene Summary:** May play a role in the molecular organization of synapses and neuronal cell signaling. Could be an adapter protein linking ion channel to the subsynaptic cytoskeleton. May induce enrichment of PSD-95/SAP90 at the plasma membrane.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents a predominant transcript. both variants 1 and 2 encode the same protein.