

Product datasheet for **MC212834**

Dlgap4 (NM_001042488) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dlgap4 (NM_001042488) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dlgap4
Synonyms: AI225853; BC024558; DA; DAP-4; DAP4; S; SAPAP-4; Sapap4; WBP1; WBP16
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212834 representing NM_001042488
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCCTCCCGTCGGGACACTGACTCTGATACCCAGGATGCCAACGACTCCAGTTGTAAGTCATCTGAGA
GGAGTCTCCAGACTGTACCTCACACCCCAATTCATCAGCATTGATGCTGGCCCCGACAGGCCCCCAA
GATTGCCAGATCAAGCGCAACCTCTCCTATGGAGACAACAGCGACCCTGCCCTGGAGGCGTCTTCGCTG
CCCCACCCGACCCTTGGCTGGAGACTTCTCCAGCTCCCAGCAGAGCCCGCTCAGCCAGGGCCCTGCC
GCAGGGATGGCTACTGGTTCTGAAGCTCTTCAGGCAGAAACGGAGAGACTGGAAGGCTGGTGCTGCCA
GATGGACAAGGAGACAAAGAGAACAACCTCTCTGAAGAAGTCTTAGGGAAAGTTCTCAGTGCTGTGGGC
AGCGCCAGCTCCTGATGTCCCAGAAATTCAGCAGTTCGCGGCCTCTGTGAGCAGAACTGAACCCTG
ATGCCAACCCCGTCCGACAGCCAGGACCTGGCAGGGTTCTGGGACCTGCTGCAGCTGTCCATTGAGGA
CATCAGCATGAAGTTCGATGAGCTCTACCACCTCAAGGCCAACAGCTGGCAGCTGGTGGAGACCCCGAG
AAGAGGAAGGAAGAGAAGAAGCCACCCCTCCAGTCCCGAAGAAGCCAGCCAAATCCAAGCGGCAGTGA
GCCGCGACAAGGCCTCAGACGCGGGGACAAGCAGCGTCCAGGAGCCAGAAAGAGACTCCTGGCCGCCAA
GCGAGCAGCGTCTGTGCGGCAGAACTCGGCCACAGAGAGTGGCAGCAGCATCGAGATTTATGTCCCGAG
GCCAGACCAGGCTC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001042488
Insert Size: 858 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_001042488.2</u> , <u>NP_001035953.1</u>
RefSeq Size:	2930 bp
RefSeq ORF:	858 bp
Locus ID:	228836
UniProt ID:	<u>B1AZP2</u>
Cytogenetics:	2 H1
Gene Summary:	<p>This gene encodes a membrane-associated guanylate kinase found at the postsynaptic density in neuronal cells. The encoded protein may play a role in synapse organization and neuronal signalling. Alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. [provided by RefSeq, Mar 2013]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, lacks several 5' coding exons, and initiates translation at a downstream in-frame start codon, compared to variant 1. It represents use of an alternate promoter. The encoded isoform (c) has a shorter N-terminus, compared to isoform a.</p>