

Product datasheet for **RC221856**

DLGAP1 (NM_001003809) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DLGAP1 (NM_001003809) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DLGAP1
Synonyms:	DAP-1; DAP-1-ALPHA; DAP-1-BETA; DAP1; DLGAP1A; DLGAP1B; GKAP; SAPAP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC221856 representing NM_001003809
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCTAATTTCCATAAAGACATTCTGTTGGCATTCCAGCTAATAAGGTTCCACAAGATGAATGGA
 CAGGGTACACCCACAGGTAAAGATGATGAAATTCATGCCGAAGAATGCGGAGTGGCAGTTATATCAA
 GGCCATGGGGATGAAGACAGTGGAGACTCAGACACGAGTCTAAGCCTTCTCCAAAAGTTGCTGCGCGG
 AGAGAAAGCTATCTCAAGGCTACTCAGCCATCCCTTACAGAACTCACCACACTCAAAATCTCCAATGAAC
 ACTCACCCAAACTCCAGATCCGGAGTCATGTTACCTGAGGGCAGTGAAGTCTCCATCAACCCGGAG
 CCTGGACAGCCTGGACCTGCAGGCTTGCTCACATCACAAAGTTCGGCTCCAGGAATGAGAGCTACATG
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 CCGTGTTACGCGAGCTGGAGTCGACGGCCGTGGAAGCGCTGGACCTGCCATGCCCGGCTGCTTCCGCAT
 GCGGAGCCACAGCTATGTGCGGGCCATTGAGAAAGGCTGCTCCCAGGACGACGAGTGCCTGTCCCTGAGG
 TCGTCCTCGCCGCGCGCACACCACCACCGTTAGGACCATCCAGAGCAGCACGGTGTCTTTCATTTGATTA
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 CCAGAGTAGCACAGAGTCAAGCCAGGATGCCTACATGGACGGACAGGGCCAGCGAGGAGATATTACAGC
 CAGTCTGGACTCAGCAACTCCACCGAGAGCCTGGACAGTATGAAGGCTCTGACAGCCGCCATCGAAGCTG
 CAAACGCCCAGATCCATGGCCCTGCCAGTCAACACATGGGCAATAACACTGCCACTGTACCACCACGAC
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 AGTACAGGCCGACCTGGACTTCCATGATAATCTGGAAAATCTCTGGAATCTATAGAGGACAATTGCTGT
 CCTGGCCCATGGCCAGACAGTTCCTCCCGCATGCCAGCACCTCCACAGTCAAGTTCAGGGCTCAGGAA
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 GGCCACTGGTTCCTGAAGCTTCTCAGGCAGAGCGAGACCAGTGGAGGGGTGGTGTCAACAGATGGAGC
 GGAAGAACGGGAAAACAACCTGCCGAAGACATTCTAGGAAAAATCCGAACCGCAGTGGGCAGTGCCCA
 ACTTCTCATGGCCAGAAATTTACCAGTTCAGAGAACTGTGTGAAGAAAACCTGAATCCTAATGCTCAT
 CCAAGACCCACCTCCAGGATTTGGCGGGTTTTGGGACATGCTGCAGTGTCCATAGAAAATATTAGTA
 TGAATTTGATGAACTTCATCAGTTAAAGGCCAATAATTGGAAACAGATGGATCCTCTTGACAAGAAGGA
 GAGAAGGGCCCTCCTCCAGTGCCAAAGAAGCCGGCGAAGGGCCCGCGCGCTGATCCGGGAGCGCTCG
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 AGAACTCGGCCACCGAGAGCGCCGAGAGCATCGAGATCTACATCCCCGAGGCGCAGACCCGGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_001003809.1](#), [NP_001003809.1](#)

RefSeq Size: 2393 bp

RefSeq ORF: 2028 bp

Locus ID: 9229

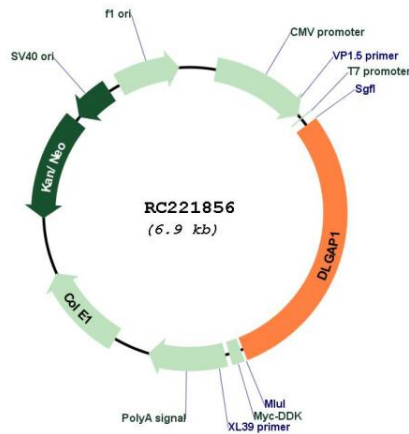
UniProt ID: [O14490](#)

Cytogenetics: 18p11.31

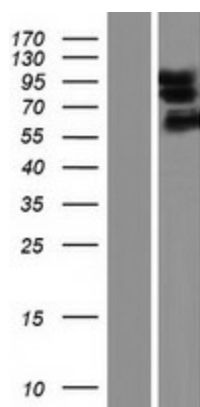
MW: 75.1 kDa

Gene Summary: Part of the postsynaptic scaffold in neuronal cells.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC221856



Western blot validation of overexpression lysate (Cat# [LY424020]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC221856 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).