

Product datasheet for **MR226211**

Dlgap1 (NM_001128181) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dlgap1 (NM_001128181) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dlgap1
Synonyms:	4933422O14Rik; 9630002F18; AI845682; AI848168; BB075781; D17Bwg0511e; Gkap; GKAP/SAPAP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide
Sequence:

>MR226211 representing NM_001128181
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

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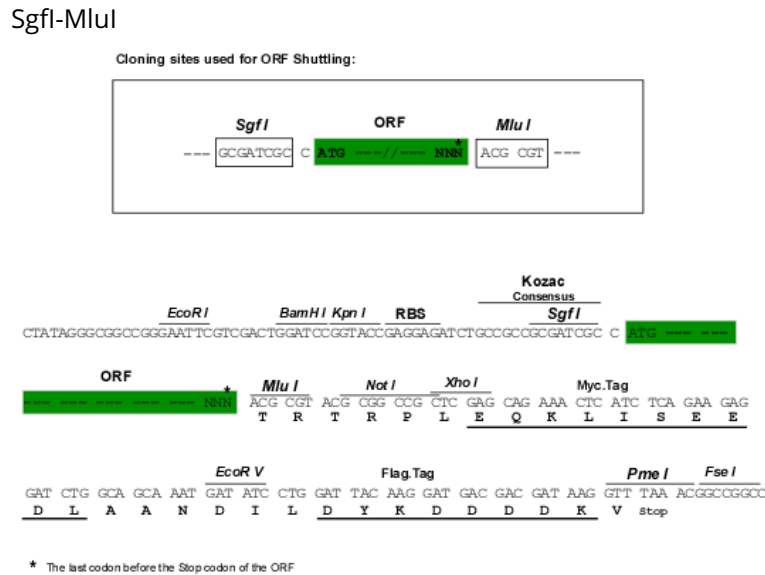
Protein Sequence: >MR226211 representing NM_001128181
 Red=Cloning site Green=Tags(s)

MNLIFHKDILLGVSANKVPQDEWSGYTPRGKDDEIPCRMRSGSYIKAMGDEDSGSDTSPKPSPKVAAR
 RESYLKATQPSL TEL TTLKISNEHSPKLQIRSHSYLRVSEVSI NRSLDSDLPAGLLTSPKFRSRNESYM
 RAMSTISQVSEMEVNGQFESVCEVSELE SQAVEALDPLPGCFMRSHSYVRAIEKGCSQDDECVSLR
 SSSPPRTTTTVRTIQSSTGVIKLSSAVEVSSCITTYKTPPPVPPRTTTTKPFISITAQSSTESAQDAYMD
 GQGQRGDMISQSGLSNSTESLDSMKALTA AIEAANAQIHGPASQHMGSNAAAVTTTTIATVTTEDRKKD
 FKKNRCLSIGIQVDDAEEPEKMAESKTSNKFQSVGVQVEEEKCFRRFTRSNSVTTAVQADLDFHDNLENS
 LESIEDNSCPGPMARQFSRDASTSTVSIQSGNHYHACAADDDFDTFDPSILPPDPWIDSITEDPLEA
 VQRSVCHRDPGWFLKLLQAERDRMEGWCKLMEREERENNL PEDILGKIRTAVGSAQLLMAQKFYQFREL
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 T NAGQSK

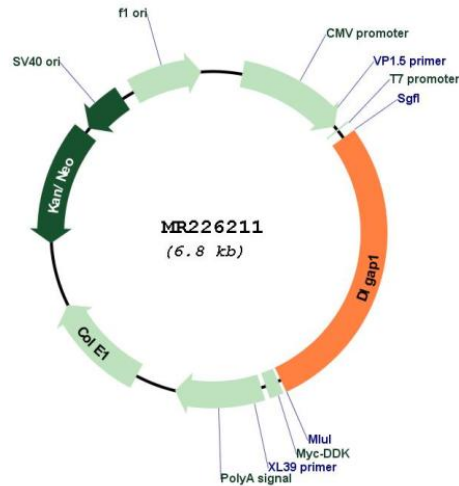
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Cloning Scheme:



Plasmid Map:



ACCN: NM_001128181

ORF Size: 1908 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_001128181.1](#), [NP_001121653.1](#)

RefSeq Size:	3304 bp
RefSeq ORF:	1911 bp
Locus ID:	224997
Cytogenetics:	17 40.85 cM
MW:	71.1 kDa
Gene Summary:	Part of the postsynaptic scaffold in neuronal cells.[UniProtKB/Swiss-Prot Function]