

Product datasheet for **SC331852**

DLGAP1 (NM_001242766) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DLGAP1 (NM_001242766) Human Untagged Clone
Tag:	Tag Free
Symbol:	DLGAP1
Synonyms:	DAP-1; DAP-1-ALPHA; DAP-1-BETA; DAP1; DLGAP1A; DLGAP1B; GKAP; SAPAP1
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC331852 representing NM_001242766.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAACTAATTTCCATAAAGACATTCTGTTTGGCATTCCAGCTAATAAGGTTCCACAAGATGAATGG
ACAGGGTACACCCACGAGGTAAGATGATGAAATTCATGCCGAAGAATGCGGAGTGGCAGTTATATC
AAGGCCATGGGGATGAAGACAGTGGAGACTCAGACACGAGTCCTAAGCCTTCTCCAAAAGTTGCTGGC
CGGAGAGAAAGCTATCTCAAGGCTACTCAGCCATCCCTTACAGAACTCACCACACTCAAATCTCCAAT
GAACACTCACCCAACTCCAGATCCGGAGTCATAGTTACCTGAGGGCAGTGAGTGAAGTCTCCATCAAC
CGGAGCCTGGACAGCCTGGACCTGCAGGCTTGCTCACATCACCAAAGTCCGCTCCAGGAATGAGAGC
TACATGCGAGCCATGAGCACCATCAGCCAGGTGAGCGAGATGGAAGTGAACGGGCAGTTCGAGTCCGTG
TGCAGTCCGTGTTGAGCGAGCTGGAGTCGAGGCCGTGGAAGCGCTGGACCTGCCATGCCCGGCTGC
TTCCGCATGCGGAGCCACAGCTATGTGCGGGCCATTGAGAAAGGCTGCTCCAGGACGACGAGTGCCTG
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CCTCCAGTGCCAAAGAAGCCGGCGAAGGGCCCCGCGCCGCTGATCCGGGAGCGCTCGCTGGAGAGCTCG
CAGCGCCAGGAGCCCGCAAGCGCCTGATGGCCGCCAAGCGCGCCGCTCCGTCCGCCAGAACTCGGCC
ACCGAGAGCGCCGAGAGCATCGAGATCTACATCCCGAGGCGCAGACCCGGCTCTGA
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_001242766

Insert Size: 2058 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: [NM_001242766.1](#)

RefSeq Size: 5301 bp

RefSeq ORF: 2058 bp

Locus ID: 9229

UniProt ID: [O14490](#)

Cytogenetics: 18p11.31

MW: 76.2 kDa

Gene Summary: Part of the postsynaptic scaffold in neuronal cells.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (8) lacks a portion of the 5' UTR and 5' coding region, initiates translation at an alternate start codon, and has multiple coding region differences, compared to variant 1. The encoded isoform (8) has a distinct N-terminus and is shorter than isoform 1.
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.