

Product datasheet for **SC331851**

DLGAP1 (NM_001242765) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DLGAP1 (NM_001242765) 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)
Fully Sequenced ORF:	>SC331851 representing NM_001242765. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAACCTAATTTCCATAAAGACATTCTGTTTGGCATTCCAGCTAATAAGGTTCCACAAGATGAATGG
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AACACTGGACAGTCTAAATAG

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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001242765
Insert Size:	1884 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:	<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:	NM_001242765.1
RefSeq Size:	2253 bp
RefSeq ORF:	1884 bp
Locus ID:	9229
UniProt ID:	O14490
Cytogenetics:	18p11.31
MW:	70 kDa
Gene Summary:	Part of the postsynaptic scaffold in neuronal cells.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (7) lacks a portion of the 5' UTR and 5' coding region, initiates translation at an alternate start codon, and uses an alternate splice site in the 3' coding region which results in a frameshift, compared to variant 1. The resulting isoform (7) has a distinct C-terminus, compared to isoform 1.