

Product datasheet for **SC102128**

DLG2 (AK094585) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DLG2 (AK094585) Human Untagged Clone
Tag:	Tag Free
Symbol:	DLG2
Synonyms:	chapsyn-110; PPP1R58; PSD-93; PSD93
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK094585, the custom clone sequence may differ by one or more nucleotides

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TCTCCAACCTGAAGGCTTGTCTGGGGGTGCAATGTCACCTTCACACATGCTGGGCCCTTTTCAGAAAAGTGC
CAGATCGTGTAAGTGGTCTATTTTTCATGCTCTGGTACAATGTGTAGCACCACGGGGTCTCAGCTTTA
CCAAAATCAAAATTCATTTGTGCTAGCTAAGTGCAGAGGCATTTGTTTTTGTCTCTCTCCACAGAATTG
TCGGCCATTTATTTGCAGGCCTTTTTCGGGATTTCTTGGCTATTTATTTGCAGGCCTTTTTTCCAGCCC
CAAATCTTGGGTTGGCTCTGTCTGCTTAAAGAGCCTGTCTTACAAAAGCTGCACTCGGGTGCCTCTGTG
CGCTGTCTTAGATCCTACTGCCGGCCCTCAGGACTCCGAGCCAGGAAAGAACTCTCCAACCTCTGGCTC
GAGACTCTACTTTTTTCTATTCTTTTCTTACTCTCTCTCTCTTCTACTTCCGACTAATTCATCTC
TTTTTTTTTTGTTCTCTCTCTTTTCTATTCTCTCTTCCACCATCTCTGAGTTGTTGACTTTCTCCTA
TAATCCTTCTCTATTCCCTTTCTCTTTTGTCCACCTCTCTTTAGTCTCTGTTTCTCTGCCCTTCTAT
TCCTCTTCTGCTCTTCTCTCTCTCAAATCTCTGATCATCTTCTCCCGTACATCCCTGTATTGATTTT
TCTGTCTCTAAAGGGCTCATGGCTGATTCAGACAGCAAGTCCATGCACTGGACTAATGACACAAACT
TTAGGTCGCCGTTTACCTACTCAGCCCAGAAAGTAAAGCTGAGCGTGAGGCCCTGACCTGGAGCCTGCT
CCAGCCCCTCCCGGAGCCAGCCTGCACCGTTGCCCTGGCAGCGATGATGCATGTGCTGTGGGCCCTGC
CGGCGCCTGAGTGCTCTGCCTGAACACTGCTCCTAAGCGAGCCCACTCCAGCACTACCGCATGGCTCT
GAGGACATTTTCTTTCAATAAAGGCAGACTCTGGCCCAATTAATCTGATAGCAAACCTTCTCTCTCA
TTGAAGCCATGCCATCACCTTGGTTTGGAGAGAGACATTTTTTCCATTCAAGCTTTCTTTTCCCA
TTTTTATGTGAAGCCCCCTCTGCTTTTTCAGCTGGTGATTGCTCTGGTGAGACTGAATGGACTTGTGGT
AAATGAAATCTCTTTTCTGTCTTGGTCTGCCTAAATTCCTACAAATATATTTAAGCCAAGGACTCA
GGCTAATTCCTAAGTTGATCACATTAATTTGTTACTCTAGAGGGAAAAAGATCAATTCCTTGAAGCAT
GTGGAGTACCTCCTGTGACAGCTGACTTGCCAGGGGACTCCCTACAGAATTCTGTGATATACATTTTACT
TCTGTGTATGTATGGTATATATGGTATGTATACCATGTACACACGTTACATTGAGTATGAATGACTGTGG
TTGAAACACACACACACTCAAGTCTGTAATATCCTTCTCTACTGAAACCTGTGCTTTGAAATCAT
TTCTTGTACAGCTGTGCAGTTTCTTGTAAACAGCTGAGGACAAAGCTAAGACAGGCGGACAATTTAGACAA
AGATCATCTAAAGAGTATAGTATCTCCCTAGCAACTCATGAGGACAGACAACCAAGTGGCAAGGTTGACT
CCCAATGGGATGGCAGACTTTTCTCTCTCTTTTGTGTTTGTGTTTCTAAGTGTCTTCTAACTTCTG
AGTGCACCAGGCTGTACCCGTTAGATCCTTTCAATATGACAGTTTGTGCTTCTCTGACAGGATGTTT
CTCCACCAGCTGTAGCACAGGATGGGAGGGAGGTGGGAATACTCCTTGCCTAGGCTGGAGTTTACAGAG
ACACTGCACAGCTTACACTCCTGTTAAGTGTAATATTCAACACTTCCATTCCATTTGTGTAAAAAATAA
AGCACACACGATTATAAAATCAAGATGTATTTTCACTACTCAGTGTGTCTGTGCATATTTATTGCGTTTC
TAGTTGTCAGCGGTGGTGGCCCATTTGTAATAATGCCTGATAGAGTGTATAAACATGTCATGTTTTT
ATTATAAGATATAAATATTAACATTTTATACTTTATGGCAAATG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK094585 unedited</p> <pre>TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCTCTATGGCTCCA ATGAACTGGTGTATTTTGCAGCAAATCTGATGACTTGTATGGAAATGGCATGAAAGTTAC CCAGATTACATCTGGTGCAAATGCACTCGGAGCCTGGGGCCAGACTGGTGCTAACACTGC AAACTTTGTCCAGAGCTCTCCAACCTGAAGGCTTGTGGGGGTGCAATGTCACCTTCA CACATGCTGGGCCCTTTCAGAAAAGTCCAGATCGTGAACCTGGTGTATTTTTTCATGCT CTGGTACAATGTGTAGCACCCAGGGGTCTCAGCTTTACCAAAAATCAAAAATCCATTTGT CAGCTAAGTGCAGAGGCATTTGTTTTTGTCTCTCCTCCACAGAATTGTCGGCCATTTAT TTGCAGGCCTTTTTCGGGATTTCTTGGCTATTTATTTGCAGGCCTTTTTCAGCCCA AATTCTTGGGTTGGCTCTGTCTGCTTAAAGAGCCTGTCTTACAAAAGCTGCACTCGGGT CCTCTGTGCGCTGCTTAGATCTACTGCCGGCCCTTCANGACTCCGAGCCAGGAAAGAA CTCTCAAACCTCTGGCTCGAGACTCTACTTTTTTCTCATTCTTTTCTACTCTCTCC TCCTTCTACTCCGACTAATCCATCTCTTTTTTTTTTTGGTCTCTCCTTTTCTATT CCTCCCTCCACCATCTCTGAGTTGTGACTTTCTCTATATCCTTCTCTATTCCCTTC TCTTTGNCCACCTCTCCTTAATCTCTGTTCTCTGCCCTTCTATTCTCTTCTGTCT TCTNCTCTCCTCAAACCTCTGATCATCTCTCCGGACATCCTGTATTGAATTTTCTGCT CTAAAGGCTATGGTTGATCAAACGCCAG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK094585 unedited</p> <pre>GTTTCAGCTATGNNACCGCGCCGAATCTANGATCGAGTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTACATTTGCCATAAAGTATAAAATGTTTTAATATTTATATCTATAATAAAA CCATGACATGTTTATAAACACTCTATCAGGCATTTTTACAATGGGGCCACCCACCGCTGA CAACTAGAAACGCAATAAATATGCACAGACACACTGAGTATGAAATATACATCTTGATTT TATAATCGTGTGCTTTATTTTTTACACAAATGGAATGGAAGTGTGAATATTTACACT TAACAGGAGTGAAGCTGTGAGTGTCTCTGTAACCTCCAGCCTAGGCAAGGAGTATTCC CACCTCCCTCCCATCCTGTGCTACAGCTCGGTGGAAAAACATCCTGTCAGAGAGAAGCAC AAAAGTGCATATTGAAAGGATCTAACGGGTACAGCCTGGTGCCTCAGAAGTTAAGAAA CACTTAGGAAACACAAACTCAAAAAGGAGAGAAGAAAAGTCTGCCATCCCATTGGGAGTC AACCTTGCCACTTGGTTGTCTGCTCATGAGTTGCTAGGGAGATACTATACTCTTTAGA TGATCTTTGTCTAAATTTGCCCTGTCTTAGCTTTGTCCTCAGCTGTTACAAGAAACTG CACAGCTGTACAAGAAATGATTTCCCAAGCACAGGTTTCACTGAGGAAGGATATTTACAG ACTTGAGTGGGGTGTGTGTTTTCCAACCCAGTCATTACATCCTCATGTAACGTGTGTA CATGGGATACACTCCATATTTCCCTCCTACCCGAAATTAATGTTTTTCCAGAAATTT TGGAGGAAGTCCCTGGCAAGTAAACTTGTACAGGAGGTAACCTCCCATGCCTTAAGGG GAATGAATTTTTTCCCTCTTAGGNTAACAAATAAAGGGACCACCTTAGG</pre>
Restriction Sites:	NotI-NotI
ACCN:	AK094585
Insert Size:	2500 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: [AK094585.1](#)

RefSeq Size: 2146 bp

RefSeq ORF: 2146 bp

Locus ID: 283225

Cytogenetics: 11q14.1