

Product datasheet for **SC215642**

DLGAP4 (NM_001042486) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DLGAP4 (NM_001042486) Human 3' UTR Clone
Symbol:	DLGAP4
Synonyms:	DAP-4; DAP4; DLP4; SAPAP-4; SAPAP4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001042486
Insert Size:	1632 bp



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Insert Sequence: >SC215642 3'UTR clone of NM_001042486
 The sequence shown below is from the reference sequence of NM_001042486. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATGTCCCGGAGGCCAGACCAGGCTCTGAGACCATGCAGGAGGAAAGAAACGATTTTAAATCATTAAA
AACACAAAAACTAAGTGCGAACGGAACAGAGTTTTCTCAACCTTTGCTATGGTTATTCTGTCTAGAGAC
CCTGAGCCAACCTTCAAATTGACGCATACAAGGGCTCACAATTTGGCTTTTTTGGGTCCCTCCCAGCTT
TAGGTTATGAAGATTTTACTCACAAAAAATCAACAAAAATCACGAAACTAGAAAACTTTTTTTTTTCC
TCTTGCTGGCCGTGGTGGACTAGATAGATGGACGTCGGCAACTCCCGGCCAGCCTCCATACTGCGGTC
TTTTTACTCGTTCTATCTGATGAGAACTCACACTAGCTTGTTTACAAGATGACGACAGTCCAAGGGCAG
CCTTGGGCACCTGCCATGTCCTCCTTTCCCGAGCTATCCCGCTCTGACCTTGATTTTCTTATG
TTTTTCTTTTTCCCTTCAGAGCTCACACAGTGGTCACCATTGTGGCAAGCGGCTTCTGGGTCTCAGC
CCTCTCTGCGGTTGAGGGCCAGAGGACAGAGAGATGGACATGCGTCCCTCCCTCCCCCGCCAAGTG
CTCACACACAACCTCACGCGCACACACACACACAGATGGAGGCGCCTCACTGGGAGGTGCCCCGCCA
GCCCTGGGCAGTGTGAGGCAGGACTCACTACCCTGAGCAGATGAGGGAAGTTTTAGTCTTGGCGGGT
GGAATGAGACGAAGCCACAGTTATCACACTCCAGACTCCTGCCCTTTTATTTTCCAGCCCCTTCTT
CCTTCAGCAAAATCTAGGACTCCCGAGTGGCTTCCAGGGGGCCGTCAGTCTCAGCCGCGCTGTGTCC
GGTGCCCGAGGGGCGGGCGGGTGTCTGTATGTATGTGTACATATGCACATAGACCTTAGAGTGTATA
GTTAACAACGCCCATCTGCTCACCCATGCCACCCAGCGCCCGCCGCTGGCTCTCGGGGCACCTGG
CAGGAGGCGGGTGTGTAATAGCATATATTTTACATGTAATATCTAGGTGTGTACAAGTGTGTG
TAAAAATATATACCTTGTGTGAAGCAGCCCTTTTTTTTTTTGGTCTCCACCCCTCCCCCGCCCG
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TTCTCTCTCTCTGCCCCGCATCCCCTCCCAGGGTGTACGAGCCCTGAGCTGCAATGGCCCGGGCC
TGCAGGGCGGGTAGGGGAGGGCAGGGGCTGAGCCCCGAAGCCAGCTCAGTACCTGAGGGGCTGCTCTA
TGCTGTGTATGCGCCTCTCTGGCATCCGAGACATCCTCTTGGCTGGCGCTTGCTGCAGGGGGGACCCC
CCCCCGTCCCAGGTGAACCAAGGGTCTGCTCCGGGGCCATTTCCAGCTTGGCCCGCTGTGTGACCT
TGGCAAGTCACTTACCTCTGTGTGCCTCAACTTCTCTCTGTAAAACGGGGACAGTCCCTGCCCT
CCCTACCTCACAGGCATGTTGTGAGAATAAATGAGGTAACGTGTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001042486.4](https://www.ncbi.nlm.nih.gov/nuccore/NM_001042486.4)

Summary:

The product of this gene is a membrane-associated guanylate kinase found at the postsynaptic density in neuronal cells. It is a signaling molecule that can interact with potassium channels and receptors, as well as other signaling molecules. The protein encoded by this gene can interact with PSD-95 through its guanylate kinase domain and may be involved in clustering PSD-95 in the postsynaptic density region. The encoded protein is one of at least four similar proteins that have been found. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

22839

MW:

58.9