

Product datasheet for **RC224626L3V**

DLGAP4 (NM_014902) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	DLGAP4
Synonyms:	DAP-4; DAP4; DLP4; SAPAP-4; SAPAP4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014902
ORF Size:	2967 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC224626).

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.

RefSeq:	NM_014902.2
RefSeq Size:	5007 bp
RefSeq ORF:	2970 bp
Locus ID:	22839
UniProt ID:	Q9Y2H0
Cytogenetics:	20q11.23



MW: 107.4 kDa

Gene 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]