

Product datasheet for **RC209068L4V**

DAGK (DGKQ) (NM_001347) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DAGK (DGKQ) (NM_001347) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DAGK
Synonyms:	DAGK; DAGK4; DAGK7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001347
ORF Size:	2826 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209068).
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_001347.2
RefSeq Size:	4653 bp
RefSeq ORF:	2829 bp
Locus ID:	1609
UniProt ID:	P52824
Cytogenetics:	4p16.3
Domains:	RA, DAGKa, DAGKc, DAG_PE-bind
Protein Families:	Druggable Genome



[View online »](#)

Protein Pathways: Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways, Phosphatidylinositol signaling system

MW: 101 kDa

Gene Summary: The protein encoded by this gene contains three cysteine-rich domains, a proline-rich region, and a pleckstrin homology domain with an overlapping Ras-associating domain. It is localized in the speckle domains of the nucleus, and mediates the regeneration of phosphatidylinositol (PI) from diacylglycerol in the PI-cycle during cell signal transduction. [provided by RefSeq, Jul 2008]