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Product datasheet for RC219913L3V

DGKE (NM_003647) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DGKE (NM_003647) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DGKE
Synonyms:	AHUS7; DAGK5; DAGK6; DGK; NPHS7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003647
ORF Size:	1701 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219913).
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_003647.1
RefSeq Size:	2562 bp
RefSeq ORF:	1704 bp
Locus ID:	8526
UniProt ID:	P52429
Cytogenetics:	17q22
Domains:	DAGKa, DAGKc, DAG_PE-bind
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways:	Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways, Phosphatidylinositol signaling system
MW:	63.7 kDa
Gene Summary:	Diacylglycerol kinases are thought to be involved mainly in the regeneration of phosphatidylinositol (PI) from diacylglycerol in the PI-cycle during cell signal transduction. When expressed in mammalian cells, DGK-epsilon shows specificity for arachidonyl-containing diacylglycerol. DGK-epsilon is expressed predominantly in testis. [provided by RefSeq, Jul 2008]