Product datasheet for RC226335L4V

DGKZ (NM_001105540) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DGKZ (NM_001105540) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DGKZ
Synonyms:	DAGK5; DAGK6; DGK-ZETA; hDGKzeta
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001105540
ORF Size:	3351 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226335).
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_001105540.1
RefSeq ORF:	3354 bp
Locus ID:	8525
UniProt ID:	Q13574
Cytogenetics:	11p11.2
Protein Families:	Druggable Genome
Protein Pathways:	Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways, Phosphatidylinositol signaling system

View online »

MW: 123.9 kDa

Gene Summary: The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It may attenuate protein kinase C activity by regulating diacylglycerol levels in intracellular signaling cascade and signal transduction. Alternative splicing occurs at this locus and multiple transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Nov 2010]