

## Product datasheet for **SC203656**

### DGKA (NM\_001345) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	DGKA (NM_001345) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DGKA
Synonyms:	DAGK; DAGK1; DGK-alpha
ACCN:	NM_001345
Insert Size:	285 bp
Insert Sequence:	>SC203656 3'UTR clone of NM_001345 The sequence shown below is from the reference sequence of NM_001345. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA <b>ACGATCGCC</b> TCCACCAATTTCTTTGGCTTCTTGAGCT <b>AA</b> GGGGGACACCCTTGGCCTCCAAGCCAGCCTTGAACCCAC CTCCCTGTCCCTGGACTCTACTCCGAGGCTCTGTACATTGCTGCCACATACTCCTGCCAGCTTGGGGG AGTGTTCCCTTACCCTCACAGTATTTATTATCCTGCACCACCTCACTGTTCCCCATGCGCACACACATA CACACACCCCAAAACACATACATTGAAAGTGCCTCATCTGAATAAAATGACTTGTGTTTCCCTTTGGG ATCTGCTAA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
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:	<u><a href="#">NM_001345.5</a></u>



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**Summary:** The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intracellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositols and phosphorylating diacylglycerol to phosphatidic acid. Several transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Apr 2017]

**Locus ID:** 1606

**MW:** 10.3