

Product datasheet for **SC215442**

DGKI (NM_004717) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DGKI (NM_004717) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DGKI
Synonyms:	DGK-IOTA
ACCN:	NM_004717
Insert Size:	2000 bp



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Insert Sequence: >SC215442 3'UTR clone of NM_004717
 The sequence shown below is from the reference sequence of NM_004717. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCCATGAGGACCTGAAACTGCTGTTTGAACCTGGTATTCGGGCAAGAGGACATGAGCAAGCGTATC
ACATCTGCCCTCCCTGCAATTGGCAGCTCCCCTGGAAGAAGCTGATGGAATTCATATATCTGTCTCTC
TCCTGCAAGAATCTACCTGAGACCATGCCACTAGCTTTTAAAGGGCTACCAAGATGTACAACAGAACATG
ATAGCCCATTTGAGAAGGAGGAGGATACCTGGAGATTTGTGGAATACAGTACGAGTTCCACAAAATTTG
ATCCTTATTGCTCCAGCAAGTAGCATGAACTTCTGTGTTACCTGTATAATTTATTTAAAGATTCAA
AGGATGTTGATATAAATGGCACTGCTCCATCCTCCCCTATGCATTGGTTTTTTCCCTGTACCATAACA
ATTCTACTGTAACACCCATCAACTTAAAGAAAAATATTCTCTTCTTTACATTGAGTCTTGGGAG
ACCACAAGATTGCTGAAGGCCTTCTAAAACCTTCTGAATGCTCCTGCAGAAATATAACTGTAAAACCAC
TTCCATTTCTAAGACTAAATATATCAAGACTATTTAGTACTCTCTGCAATGTCCTCCCTCACCCGCCA
ACCTCCGTTTCATTATATAGGAGCTGGGAAGTGCACATGGATAATGTCAAATGTGTGCTATATCTC
TGAGGAATGGTGGGTCATGGGAGATGTCTGTGCTTGGAGGTACCTCAGAGAGGTAACCCAGGGGTC
AGCCCAGGCTGTGGGCTGTAGCCAATAGCCATGCAGGACTGGTTCAGCTTGGGCTGTCTGTACAGCTC
CGTACTGCCTATGTGTAGCCATCTTTGCCTTTTGTGCAATAGAAGATGAGCAAAGGATTAACAGAGG
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TCACTGAAATAGGAAACAGTCAATTGGAATGTTGCACAGAGGCTAATAACTATAGACTGTTGGATACAGT
GGTGGAGAGGAGCCCATTTTAGTCTTTTCTTTAGGTTTTTGGTTTTTCTTACTCCAAGTAACTCCTGA
CCCAAGAACAAGGCTTGTGTATGAGTCCACTGCCAGATTTATGGGATGCCTGGATCATTGAGAAGG
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TCTAATATATTATTTTACTACTTTATTTTCCCTTTTCCAGAAAGTCTTACTGCAAACCACCATTTGGA
ATCTAGCCAGAAATGTCTGTCAGATAGTGAATGTAACATCTAAACCTGCCACGGATCGAATGGTAC
TTACAGGTACCTCTTAGGGACTCTGTGATCCCTAAAAATATCAGAAGAAATGTCTGTCTTTCTGTCC
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ATCTGACGTCTCCTGAGCTTATTTTCAATTTGTCCTTGGACATAGCATAGTCTTCCCTAATGTTTCTA
CATATGACCATGAATGATAGTGTCTCTACATTTAATTTAAAAGTCTAATGGTGACATTTTGTCTATCTG
AGTCACATTTTCGGTAACATATCATCTTTTGAAGTGGCGCTATGACGTCTATATTAACAGGAACAG
CCTTTTCAGTGGATGGGGATTTTATACCACAGTCTTTCCATAGTCATTTCAAATCAAATGTTGGTGG
GAGGATGGATTGGGTTGTGAGTAATCTACTTCCATATATCAGCCTCAGAAATGGAACATCCTTTGGA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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: [NM_004717.3](#)

Summary: This gene is a member of the type IV diacylglycerol kinase subfamily. Diacylglycerol kinases regulate the intracellular concentration of diacylglycerol through its phosphorylation, producing phosphatidic acid. The specific role of the enzyme encoded by this gene is undetermined, however, it may play a crucial role in the production of phosphatidic acid in the retina or in recessive forms of retinal degeneration. [provided by RefSeq, Jul 2008]

Locus ID: 9162

MW: 76.3