

Product datasheet for **SC216286**

DAGK (DGKQ) (NM_001347) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DAGK (DGKQ) (NM_001347) Human 3' UTR Clone
Symbol:	DAGK
Synonyms:	DAGK; DAGK4; DAGK7
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001347
Insert Size:	1763 bp



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Insert Sequence: >SC216286 3'UTR clone of NM_001347
 The sequence shown below is from the reference sequence of NM_001347. 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
GCGCCTGCCCTGAGAGCGATCCTAGGTAGGGGTGGCTGGGGCAGCCCAAGGGCTCGAGCCATCTCTGC
TCCCGCCAGCCTTGTTCAGGTGGTCTGGAGGCAGCTCCACGTCCACACAGTGGCCGGCCCTGTGGTC
GGACCTGGCTACAGCCCTGACCACAGCATCTCCAGTGACGGAGCGGGACCCGCCCTCATCCCATTGG
TGACACATGTTGGTGTACAGCCCTCATCCACTGGAGACTGGTGTGCGGGTGGCAGTGTACCCCGTG
TCCCGGTGGGCGCAGGGCTCTGGATGGTGAAGCCCTGTCCTGTGGGGCTGGTCTCTCTCAGGG
GTGGGCACCCATCCCTCTCCCACTGAGCCCTTGAGCTGGACAGTGTGGATGCAGGCCGTCCAGGTG
GGTCTGATCTCACTTTGTCCCTCGGGCCGTCCCTCCAGCAGTCTTAAGAGCAGCAGGCTCCCTGG
TGTGTCCCTGCCAGCAGACAGGCTGCCAGTCCCTCCAGCCTCACCTCCCGCCCTGGGCGAGCAGG
TGTGGGACGCGTGTGAGGCTGCCGGGTGGTGGTACTGGTGAATTCCTTGTGTTACAGGAAAGGAGAAG
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GCAGGCAGTGCCAGCTGGACCTGGTGGCCCTTCTAGTGCCTCTGCTTGGGGAGGAGAACCTCTGTC
CACGTGGAGGCTAGGAGGTCTCAGGTGCTGCCCTGGCAGCACCAGAGTGTGGGCCGGGCCGAGTGTCT
GCCCTCGGCCCTCAGGGTGGGGCACTTAGCACCAGAAGGGACCAAAAGCAGGGCATGGCGGTGCAGA
GGAGTTTGGGAGGTGTAACAGCCCATGCACGTGGAGGAGGAGCTGGCTTTCAGCCCCAGACCCACGC
TAGCACTTCCACGCTGCTTCCCGCTGTTGATGTGCAGTCCAGTGCCTGTGTGAGCCGACATCTGC
TCAGCTTATCCCTCGTCAGCGTGTGGAGACCCAGCTCCTGCAGCCCTCTGCTCCACGCCCCAGAC
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CTGGCCTGGGCCCTCAATCCTGCGGAGCTTCTGGGTGGCTTTGACCTCAGAAGTGGCTCTGGTTT
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CGACCCCGCATCTGCCAACTGCACAGACACGCATTGTAAGGCCGCTTGTGGCCTCCAGCGTGCA
CTCTTGTTCAGTCATTGTCATCTCAAGACCAGTCTTTGTGATTAGTTTTGCTTCGCGAGCCCTGGT
GTGGACTGTGGTCTGTATGAATCGTGTAACTGTGGTGAAGGGCTTGTCTGTATGTGAGTCTGTACC
CAGGTGGGGTCTGTGCCCTGCACACCGGCCCTCTGTATTTATCGCTGCCTGAATGCAACAGTAATTT
ATATCCAGGACAAATACAGTCTGGGCGTCACTATCCTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_001347.4](#)

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]

Locus ID: 1609

MW: 62.8