

Product datasheet for **SC214839**

Acylglycerol Kinase (AGK) (NM_018238) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Acylglycerol Kinase (AGK) (NM_018238) Human 3' UTR Clone
Symbol:	Acylglycerol Kinase
Synonyms:	CATC5; CTRCT38; MTDPS10; MULK
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018238
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC214839 3'UTR clone of NM_018238
 The sequence shown below is from the reference sequence of NM_018238. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAACAGATGCTCACAAAGCCACCCAGTGAAGCAGAGAAGACAAGCACTCTGAGACCACACTTTAGGCC
ACCGGTGGGACAAAAGGGAACAGGTGCCTCAGCCATCCCAACAGTGTCTGAGAGGGTCCCCAGGGCA
TTTTATGGCAAGTACCCTCTGCCCCACTCCAGCAGTGCTTCCCAAAGTGTGCTCTGTACCTGCTT
TGCAATCGGCTTCCATTAGCGCATGTTTTATTTGGTGTGACGGTTGGCCCTCTAAACACGGACTTTC
CTCAGGCTGGTTCAAGACGAAAAGGACTTTCTTCTGTTTTCTTCCAAAGTGAACCACAGTGGAGAGC
CCACGGTGGGCTTAGCCTGCCTAGGCCCTTCCATTCTCTTTGACCGTGCTAGGAATCCAGGAAA
GTGCATTCCTGCCCTGGTACCTTTTCTATGTCTAGGCTCCTCCACAGGTGCTGCTATTTTGTGAGCT
CCGGCTCTGTTAGCTTTTATTTCAAGTCTAACCTCAGTCCAGAAACATATGTGAGGTTGTTCCCTC
TTCAGCCACGGCTACAATACCGGAAAATGCTAGTTTTTATTTATTTTTTAAAGTAGTGCTCCTAAATG
GTTTGCATGAGAGCCACCTGGGGTACATGTTGAAAACCTATTTGGGGTCTACCCCAAACCTAATAACCC
AAATTTGGGGATGGGGCCAGGAATATGCATTTTTAAAAAGTCATCTGCCCTTCCAGGTGATTCTGTA
AGTTGTCCTCAACTGTACTTGGAGAAATCGTGTTTTAAAGCAGTAGTCCACAAAGTATTCTGCTCATG
TGCCCCAAAAGTATTTGAAAATCATGTATACCCTCACCCATCAAGTTGATATCTAAAAATTTATC
TAAGTTGGTATCTAAAATTTTTCATGGGAAGTTAAATAGTTGACAAAGTATGATTTGCTGGTGTGCGT
TAAATATTGGTATTTTAAAATAAAAACCTGTTACATCACTATTTTAAACATATCCAGTACAATTTAAATA
TCACAACAATTTGACACCCTTCATTCATTATAAAAAATAATGAGCTAGTTCTTTAGTAGTTAAACATT
TCAAATTTGGCTTTTCTCCTTCTGTATTTCCATACCCTTTTTCAGCCAAGAATCCTATCATAATGTAATC
TATTATGCCCGACATCTTTAATCATTACCCCTACTTCTTGTCAACAAAAATAATAATGGAATTT
TTTTTTTAGCTCTTGCTTAAAGTGTGTTGTTGTTATCTCAGTCCAGAACCAATATTATCGTAATTAAT
TATTGGTATATAATGAAAACGGTATTAATCTTGGATGATTAAGTTTTTTTATTAGAATGTTCTTTA
TCCTAATTAGTTCATTTTCCAAGAATACATGAATGTGATTTACAGCTGAGATGGGGTTCACCTCAGC
TGTATTCCTTGTCTGTATAGATGTAAGCACATAAAATTCGATGGAATAGAATTACGTTAACAATGTTT
TTACAGTCTTTTGGATTCTTTGGCATTGACAAAGATCACAGTCTCTATCATCAAGAATTATTAAT
GATGATCTATCAACTAACAACAACCTTGATTAGATTCTCCTTTAGTCTGTTGAAAGCAGAGAAGTAAA
TCCACCTGATTTACCATGGCTTTGCCAGCCAGTCATTAGCACCATTTACTTTACTATCGCTGACATTT
TCCTTTGTTTCAAGTGGCCCTGAGGTTCTTACACTCTAGGGGGCAGTGCACCACAGGAAGATAGATCAATG
AGGGAGGATTGCGAGGGGGAAGGGGAGGAAGCAGAGCTGGCAGGCCTTAGCTACAGGCTCTCTCAGG
CAGATCCCTTTTAAAGATACATACACCATGCCACACATCCCATGGAGAGAGACCAATGCTTTAGTAGAT
TACAGAACAGCTATGAAAAGTCCATGAATGAAGATCACAAAAAGGAAGGCTTTCTATTTTCACTGT
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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_018238.4](#)

Summary: The protein encoded by this gene is a mitochondrial membrane protein involved in lipid and glycerolipid metabolism. The encoded protein is a lipid kinase that catalyzes the formation of phosphatidic and lysophosphatidic acids. Defects in this gene have been associated with mitochondrial DNA depletion syndrome 10. [provided by RefSeq, Feb 2012]

Locus ID: 55750

MW: 75.4