

Product datasheet for **RN203352**

Dgkg (NM_013126) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dgkg (NM_013126) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dgkg
Synonyms:	Dagk3; DGKIII
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN203352 representing NM_013126
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGACGGGCAATGGGTCTGTCTCTCATCAGAAGAATTTGATCAACTTCAGAAATACTCTGAATATT
 CCTCCAAGAAGATAAAAAGATGTGTTGGCTGAGTTAATGAAGGTGGAAGCCTCAAGCAATATGACCCACA
 CAAGCCATTAGCTATGATGTCTTCAAGCTGTTTCATGAGGGCATACTGGAGGTGGATCTTCTCAGCCA
 CTGAGCACAAACCTCTTCTGGCCTTCAGCCAGAAGCCAGACAGAGACACCTGACCACCCAAAGGAGG
 GGGCCAGCAGTAGTGAGCCGAATGTCTCAGATTCTAATGCGGAGAGCACTGCCAAAGCGGATGCTGCCTG
 CGCTCCAGACACTGAATCAAACCGATCAAGACACAGGTACCGTCTGAAGAACTAGAGGCTGCAGCCCCA
 TGGGGAGAACCTAACGCTCCGGCTTCAAGCTCCGATGCCCCCATAGTGTACCTGAAGGATGTGGTGTGTT
 ACTTGTCCCTGATGGAGACCGGGAGGCCTCAGGATAAACTAGAATTCATGTTTCGTCTCTATGACTCGGA
 TGAATAAAGAACTCCTGGACCAAGCGGAGCTGGATCAAATGTGAGCCAAATGCTACATGTTGCCAGTAC
 CTGGAGTGGGATCCCACAGAGCTCAGACCTATACTGAAGGAGATGTTGCAAGGCATGGACTACAACAAGG
 ATGGCTTCGTGTCTCTAGAGGAGTGGGTCAAGTGGGGGATGACCACCATCCCGTTGCTGGTCTCTCTGGG
 AATGGATGACTCCGCCTCAAGGGGGATGGGAGGCACGCCTGGACCCTGAAGCACTTCAAGAAGCCCACT
 TACTGCAACTTCTGCCACATCATGCTGATGGCGTTTCGGAAGCAAGGCCTGTGCTGCATCTACTGTAAT
 ATGCTGTCCACCAACGCTGTGTATCCAACAGCATTCTGGATGTGTGAAAACATACTCCAAGGCCAAAAG
 GAGCGGTGAGGTGATGCAGCACGCGTGGTGGAAAGGAACTCCTCCGTCAGTGTGACCGGTGCCACAAA
 AGTATCAAGTGTACCAGAGTGTCACTGCGCGGCACTGCGTGTGGTCCCGGATGACGTTTACCCGCAAT
 GTGAATGTGCGACAGCGTCCGATGGTGGGGAACCTCAAAGACCACATTTTGTGCTGCCTACCTCATATACC
 TGTACCCGAGACCGGCAAGCAGGGAAGTCCGATAGCGGTGCGCGGCCAAGGGTGAACCTGTAATGCAG
 TATAAGATCATCCCAAGTCCGGGACGCATCCCTGCTGGTCTGGTGAACCCGAAGAGTGGAGGAAGAC
 AAGGAGAAAGAATTCTTCAGAAATCCACTACCTGCTCAACCCAAACAAGTTTTCAACCTGGACAAAGG
 GGGCCTACGCCAGGATTGAACCTTTTTCAGGATACCCCGGACTTCCGTGTTCTTGCCTGTGGCGGAGAT
 GGGACAGTTGGCTGGATTTTGGATTGCATTGACAAGGCCAACTTCAAAAGCATCCACCGGTGGCTGTCC
 TGCTCTTGGGACAGGGAACGACCTCGCACGATGTCTTCGCTGGGAGGAGGTTATGAGGGGGCAGCTT
 GACCAAAATCCTGAAGGAAATGAACAGAGCCCTTGGTGTGCTGGACCCTTGGTACCTAGAGGTCATG
 CCCAGGGAAGAGGTGGAGAACGGAGACCAGGTCCATACAACATCATGAACAATATTTCTCCATTGGTG
 TGGATGCTTCAATTGCACACAGATTCCATGTGATGAGAGAGAAACACCCTGAAAAATTAACAGCAGGAT
 GAAGAACAAGCTGTGGTATTTTCAATTTGGTACCTCTGAAACCTTTCAGCTACCTGCAAGAAATCCAT
 GACCACATAGAGCTGGAGTGCATGGTGTGAGGTGGACCTGAGCAATATCTTCTGGAAGGCATTGCCA
 TTCTTAACATTCAGCATGTACGGAGGCACCAATCTCTGGGGAGAAACCAAGAAGAACCAGCTGTGAT
 CCGGAAAGCAGGAAGAGCGTACAGACCCAAAGGAGCTGAAATGTTGTGTCCAAGACCTCAGTGACCAG
 CTTCTTGAAGTGGTGGTCTAGAGGGAGCCATGGAGATGGGACAGATCTATACCGCCTGAAGAGTGCAG
 GCAGGAGGCTAGCCAGTGTCTCTGTCAACATTAGGACTAAGAAGCTTCTGCCGATGCAAGTGGATGG
 AGAACCTGGATGCAGCCGCCATGCATGATTAATACTCAAAAAACCAGGCACCTATGATGATGGGG
 CCTCCCAGAAGAGCAGCTTCTTTTCTGAGGAGGAAAAGCCGTTCAAAGGACTAA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_013126
Insert Size: 2367 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_013126.1 , NP_037258.1
RefSeq Size:	3466 bp
RefSeq ORF:	2367 bp
Locus ID:	25666
UniProt ID:	P49620
Cytogenetics:	11q23
Gene Summary:	putative diacylglycerol kinase associated with the cytoskeleton of purkinje cells [RGD, Feb 2006]