

## Product datasheet for **RN202360**

### Dgke (NM\_001039341) Rat Untagged Clone

#### Product data:

|                      |  |
|----------------------|--|
| Product Type:        | Expression Plasmids  |
| Product Name:        | Dgke (NM_001039341) Rat Untagged Clone   |
| Tag:                 | Tag Free   |
| Symbol:              | Dgke   |
| Synonyms:            | Dgke   |
| Vector:              | pCMV6-Entry (PS100001)   |
| E. coli Selection:   | Kanamycin (25 ug/mL)   |
| Cell Selection:      | Neomycin   |
| Fully Sequenced ORF: | >RN202360 representing NM_001039341<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGGAGACCAGCGGTCCGGCCATCGGCGCAGGGCCTGCTCCCGATGGCCACTTGATCCTATGGA  
CGCTGTTCTCCGTGCTGTTGCCGGTGTTCATCACCTTATGGTGTAGTCTGCAGCGTTCGCGCCGGCAGCT  
GCACCGCAGGGACATCTCCGCAAGAGCAAGCACTGCTGGCGTGACACCGACCTGTTCCAGCCACCCACC  
TACTGCTGCGTGTGCGCCAGCACATCCTGCAAGGAGCCTTCTGCGACTGCTGCGGGCTCCGCGTGGACG  
AGGGCTGCCTCAAGAAGGTGACAAAGCGCTTCCCGTGCAAGGAGATCATGCTCAAGAACGACAGCAGGGC  
CGCAGATGCGATGCCACCACCTGGATCCGCGGCAACGTCCCCTGTGCCTTACTGTGTAATCTGCAGG  
CAGCAGTGTGGCAGCCAGCCTAACTCTGCGACTACCGGTGTGTTTGGTCCAGCAGACAGTCCACGATG  
AGTGCATGAGAGGCAGCTAAAGAGTGAGAAGTGTGATTTGGAGAATCAAAAATCTCATCCCTCC  
AAGTTATTTAACGTCCATTAACCAGATGCGTAAAGACAAAACACAAATATGAAGTGTGCTTCTAAG  
TTTGGAAAGCAGTGGACCCATTAATAATCCTGGCCAACCTCTCGTAGTGGAACTAACATGGGAGAAGGAC  
TGTTGGGAGAGTTAAGATGCTGTTAAATCCCGTCCAGGTGTTGATGTCATAAACTCCTCCGATCAA  
AGCTCTGCAGCTGTGACTCTTCTTCTTATTACTCCGTTCCGAGTCCTGTTTGTGGAGGGGATGGGACT  
GTGGGCTGGTCTCGATGCAATTGATGAAATGAAGATTAAGGGACAAGAAAAATACATTCCAGAGGTTG  
CAGTCTTACCTCTGGAACAGGCAACGACCTATCCAACACCCTGGGCTGGGTTACTGGCTATGCTGGAGA  
AATCCCGGTTGCACAGGTCTTAAGGAATGTAATGGAAGCAGATGGAATCAAAGTACAGAGATGGAAGTG  
CAGGTAACAAATAAAGGCTACTACAGTTAAGGAAACCAAGGAGTTCACAATGAACAACACTTCTCTA  
TTGGACCCGATGCCCTCATGGCTCTCAATTTTCATGCTCATCGTGAAGGCGCCGCTCTGTTTTCCAG  
CCGAATCCTTAACAAGGTGTGTTGGATAAAATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_001039341  |
| <b>Insert Size:</b>           | 1224 bp   |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001039341.1</a></u> , <u><a href="#">NP_001034430.1</a></u>   |
| <b>RefSeq Size:</b>           | 3075 bp   |
| <b>RefSeq ORF:</b>            | 1224 bp   |
| <b>Locus ID:</b>              | 497978  |
| <b>Cytogenetics:</b>          | 10q26   |