

Product datasheet for RN209000

DIk2 (NM_001108202) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DIk2 (NM_001108202) Rat Untagged Clone
Tag: Tag Free
Symbol: DIk2
Synonyms: DLK-2; Egfl9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209000 representing NM_001108202
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGCGGCTGCCGCTGCCTAAATCTCGTGTGCCTGCTGTGCATCCTGGGGCAACCAGCCAGCCTG
 CCAGAGCGGATGACTGCAGCTCCACTGTGACCTGGCCACGGCTGCTGCGCTCCTGACGGCTCTTGAC
 GTGTGACCCAGGCTGGGAGGGGCTGCACGTGAGCGCTGTGTGAGGATGCCCGGGTGCCAGCACGGTACC
 TGCCACCAGCCCTGGCAGTGCATCTGCCACAGTGGCTGGGAGGAAAGTTCTGTGACAAAGATGAGCACA
 TCTGTACTTCACAATCACCTGCCAGAATGGAGGCCAGTGTGTATGACGGGGTGGTGTGAGTACCACTG
 TGTGTGCCTGCCAGGCTTCCGTGGACGTGGCTGTGAGCGCAAGGCTGGACCTTGTGAGCAGGCAGGCTTC
 CCGTGCCAGAACGGAGGGCAGTGCCAGGACAACCAGGGTTTTGCCCTCAACTTACCTGCCGCTGCTTGG
 CGGGATTCATGGGTGCCACTGTGAGGTCAATGTGGATGACTGTCTGATGCGGCTTGGCCTAACGGTGC
 CACATGTATTGACGGCATAAACCGCTTTTCCCTGCCTCTGTCTGAGGGCTTCGCTGGACGCTTCTGCACC
 ATCAACCTAGATGACTGTGCTAGCCGCCGTGCCAGAGAGGGGCCGCTGCAGGGACCGTGTCCATGACT
 TTGACTGCCTGTGCCAGTGGCTATGGTGCAAGACTTGTGAGCTTGTCTTACCTGCTCCGGACCTGC
 CACAATAGGCACCCGCAAGCGCCGCTCAGCTGTGGTGGTGCCTGCTACGGGGTCCGGCCCTCACAGT
 GCAGGGGCAGGCTGCTGAGGATCTCAGTGAAGGAGGTGGTGGGAGGCAGGAGGCTGGGCTTGGTGTGAGT
 CTAGCCTGGTGCCTCTGGTGGTGTGGTCCCTCACTGCTGCTGCTGGTCCCTGGCCACTGTGTTGCTGAC
 CCTGAGGGCATGGCGCCGAGGTATATGCCCACTGGACCTGTTGTGACCCAGCCCCACACTACGCACCA
 GCTCGGCAGGATCAGGAGTGTGAGTTAGCATGCTGCCAGCAGGGTCCCTCTGTACCAGACCTGCCCC
 CTGAGCCTGGGAAGACCACAGCGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001108202
Insert Size:	1149 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:	<u>NM_001108202.1, NP_001101672.1</u>
RefSeq Size:	1441 bp
RefSeq ORF:	1149 bp
Locus ID:	316232
UniProt ID:	<u>D3ZUK3</u>
Cytogenetics:	9q12
Gene Summary:	Regulates adipogenesis.[UniProtKB/Swiss-Prot Function]