

Product datasheet for SC335511

DLK2 (NM_001286655) Human Untagged Clone

Product data:

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | DLK2 (NM_001286655) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | DLK2 |
| Synonyms: | DLK-2; EGFL9 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >SC335511 representing NM_001286655. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

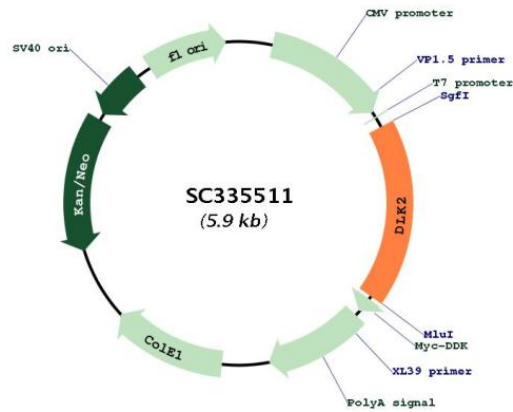
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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGCCAGCGGCTGCCGCTGCCTGCATCTCGTGTGCCTGTTGTGCATTCTGGGGCTCCCGTCAGCCT
GTCCGAGCCGATGACTGCAGCTCCCACTGTGACCTGGCCACGGCTGCTGTGCACCTGACGGCTCCTGC
AGGTGTGACCCGGGCTGGGAGGGGCTGCACTGTGAGCGCTGTGTGAGGATGCCTGGCTGCCAGCACGGT
ACCTGCCACCAGCCATGGCAGTGCATCTGCCACAGTGGCTGGCAGGCTCCATGGGCGTGACTGCGAG
CGCAAGGCTGGACCCTGTGAACAGGCAGGCTCCCCATGCCCAATGGCGGCAGTGCCAGGACGACCAG
GGCTTTGCTCTCAACTTCAGTGCCGCTGCTTGGTGGGCTTTGTGGTGCCCGCTGTGAGGTAATGTG
GATGACTGCCTGATGCGGCCTTGTGCTAACGGTGCCACCTGCCTTGACGGCATAAACCGCTTCTCCTGC
CTCTGTCTGAGGGCTTTGCTGGACGCTTCTGCACCATCAACCTGGATGACTGTGCCAGCCGCCCATGC
CAGAGAGGGGCCCGCTGTGCGGACCGTGTCCACGACTTCGACTGCCTCTGCCCACTGGCTATGGTGGC
AAGACCTGTGAGCTTGTCTTACCTGTCCAGACCCCCAACACAGTGGACACCCCTTAGGGCCACC
TCAGCTGTAGTGGTACCTGCCACGGGGCCAGCCCCACAGCGCAGGGGCTGGTCTGCTGCGGATCTCA
GTGAAGGAGGTGGTGGGAGGCAAGAGGCTGGGCTAGGTGAGCCTAGCTTGGTGGCCCTGGTGGT
GGGGCCCTCACTGCTGCCCTGGTTCTGGCTACTGTGTTGCTGACCCTGAGGGCTGGCGCCGGGGTGC
TGCCCCCTGGACCCTGTTGCTACCCTGCCCCACACTATGCTCCAGCGTGCCAGGACCAGGAGTGCAG
GTTAGCATGCTGCCAGCAGGGCTCCCCCTGCCACGTGACTTCCCCCTGAGCCTGGAAGACCACAGCA
CTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001286655

Insert Size: 1041 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:

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_001286655.1](#)

RefSeq Size: 1942 bp

RefSeq ORF: 1041 bp

Locus ID: 65989

UniProt ID: [Q6UY11](#)

Cytogenetics: 6p21.1

Protein Families: Druggable Genome, Transmembrane

MW: 36.5 kDa

Gene Summary: Regulates adipogenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) uses two alternate splice sites in the central coding region, compared to variant 2. The encoded isoform (b) is shorter, compared to isoform a.