

## Product datasheet for **SC202971**

### **DLK (DLK1) (NM\_003836) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	DLK (DLK1) (NM_003836) Human 3' UTR Clone
Symbol:	DLK
Synonyms:	Delta1; DLK; DLK-1; FA1; pG2; Pref-1; PREF1; ZOG
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003836
Insert Size:	2000 bp



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**Insert Sequence:** >SC202971 3'UTR clone of NM\_003836  
 The sequence shown below is from the reference sequence of NM\_003836. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AGCAAGGAGGCCGCGCAGGAGATCTAAGCAGCGTTCCACAGCCCCCTAGATTCTTGAGATTCC
GCAGAGCTTACTATACGGGTCTGTCTAATCTTTGTGGTGTTCGCTATCTCTTGTGCAATCTGGTG
AACGCTACGCTTACATATATTGTCTTTGTGCTGTGTGACAAACGCAATGCAAAAACAATCCTCTTT
CTCTCTCTTAATGCATGATACAGAATAATAAAGAATTCATCTTTAAATGAGTAAGAGAAATAAGTA
TGTTATTCTAAAATCTAAACTCAAATGAAATTTCAAAAAAGACCAAAAAAAAAACAAGGCAACAGAACCA
GGGCTCAGTGGCAGCCCTACCCTGGGGTCTCGGCCACATGGTCTCGTGAAACCGTTACGAGTGC
TGTACATGACCACCCACTGTGCAAAGAGCTACGATTGCTTTCGTTTCGTTAATTCTCACACCCACATCC
GACTCGCACTCACATCCAGCTCAACATCGCTACCTTTAGATCTTCCGATTGATTTGAGATTTAGCGGA
GTGCAGCGGCTGTGTGTCAGTCAGAGAGAGCCCCAGGTTGGCTGTGTTGGGGGGCCGGCCCTCTGTGCCAG
CCCTGCCACTAACTCGCTGTGTGATCCTTGCGGAGTCCCTATCCCAATCCTGGGCCCACTTTCTCGCCC
CTCTCGAGGGAGGGGTTTGAACACCGACCACCATGGTCTCTCTGGCTCTAAAACCTGCAATTAGGAAC
GAGGGGTATGAACAAAACACTTCCCTGACCCCAACAATTGGGATCTGATGAAGACGAATTCATCCT
GGGATCCGAAAGGTTTTGGCCTATCCTGGATGAACGCTTGATGTTGAAATTTATCCTAACTGTGTTTCT
CAAAGTGGGAGCCTCCTGGCCACTTCCCTTTTGGGAAAAATAGCCCTTTGAGTCATAATGTGCCA
TCTGGAGTTGCCACTTAGGCAGCCAGCCCTCCCCACCCCTCTTTGCCACCCAGAACCCCAACTAT
ACCTGCCTTACCCTATAGAGACATCCCTTGAGACTTGAATGTACTTTGAGCCGCAAGTGGCCCTGGCA
GAATCTGAGCAGCAACACAGCCCTCACCAAGGTTTTACAGGGATTAGTGAAATTTGTCACTTGTGGGG
CGTTACTAGTTTTGTGGCAAATGTGGTCCAAGACCTGGCCACACAGCCATGGGTTTACATTTGTGTT
GCTGAGTTAATAATCCTCAGATCTCAAAAGACCTAGCCAGCTTCTGAATTTTGAATTTGACTTTTTTTT
TTTTTTTAACAAAGAGCATCTATCTTTTTTGAAAAATAGAAAGAAATGGGACAGAGCTCTGTTTAGCT
TTTCAGCTTTTGGGTTGGACAGCTAACAGCCCTTGGTACCAGATAGGAATTTTTGCTTCTTAGAT
TATTTGGATAAGAATCTATACTTCTAGCTTTATTGAGCATTGCCTGCCGTGTTTACCTTGTCCAGGTG
TTTATTTCTAAGTCATCATCACCTTCGTCATCTACAGTCAGTCACATCAGTCACCCACACACAACACTCAC
AGTCACCCATCCATTGGTCACCTGCGCCATCGTCATGACACAATATCGACCTCATCACCTCATCGTCT
CCAGCCACTACCAAGCCCTCATCCTGACTCAAAGCCCGACCAGCATCTGCCAAACTCCCAACACC
CCACTCTCCCCACCAAGCCATTGGTCTCCTCACTCCCGGTCTTTGTCATCCTGATTCCAAGCCCGCC
CCACCCTCACCGCTCCTCCGCATCATCTGCACTCTGCAGAGCCCTCCTACCCGCTCTGTCCCCACC
AGGCCCTCCCTACCGTCAGCCCTGAGTCCCACAGCAGCGTCCCAGCCCTCCAGCCTACCCCAA
AAACCCTGTCACCCACCGACCACCATCATCACTGGCAAGCCCTTCCCCTTCTCCAGCTCCCGTCCC
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTGATTCCACCGCCG
  
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**Restriction Sites:** SgfI-RsrII

**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\\_003836.7](#)

**Summary:**

This gene encodes a transmembrane protein that contains multiple epidermal growth factor repeats that functions as a regulator of cell growth. The encoded protein is involved in the differentiation of several cell types including adipocytes. This gene is located in a region of chromosome 14 frequently showing uniparental disomy, and is imprinted and expressed from the paternal allele. A single nucleotide variant in this gene is associated with child and adolescent obesity and shows polar overdominance, where heterozygotes carrying an active paternal allele express the phenotype, while mutant homozygotes are normal. [provided by RefSeq, Nov 2015]

**Locus ID:**

8788

**MW:**

74