

## Product datasheet for MC208393

### DLK1 (NM\_001190704) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** DLK1 (NM\_001190704) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** DLK1  
**Synonyms:** AW742678; DLK-1; Dlk1; FA1; Ly107; Peg9; pG2; pref-1; SCP1; ZOG  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208393 representing NM\_001190704  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGATCGCGACCGGAGCCCTCTGCGCGTCTCTTGCTCCTGCTGGCTTCGGCCACAGCACCTATGGGG  
 CTGAATGCGACCCACCCTGTGACCCCAAGTATGGATTCTGCGAGGCTGACAATGTCTGCAGGTGCCATGT  
 TGGCTGGGAGGGTCCCCTCTGTGACAAGTGTGTAAGTCCCTGGCTGTGTCAATGGAGTCTGCAAGGAA  
 CCATGGCAGTGCATCTGCAAGGATGGCTGGGACGGGAAATTCGCGAAATAGACGTTTCGGCTTGCACCT  
 CAACCCCTGCGCCAACAATGGAAGTTCGCTGGACCTGGAGAAAGGCCAGTACGAATGCTCCTGCACACC  
 TGGGTTCTCTGGAAAGGACTGCCAGCACAAGGCTGGGCCCTGCGTGATCAATGGTTCTCCCTGCCAGCAC  
 GGAGGCGCCTGCGTGGATGATGAGGGCCAGGCCTCGCATGCTTCTGCCTGTGCCCCCTGGCTTCTCAG  
 GCAACTTCTGTGAGATCGTAGCCGCAACCAACAGCTGTACCCCTAACCCATGCGAGAACGATGGCGTCTG  
 CACCGACATCGGGGGTGACTTCCGTTGCCGCTGCCAGCTGGATTTCGTCGACAAGACCTGCAGCCGCCCG  
 GTGAGCAACTGCGCCAGTGGCCCGTCCAGAACGGGGCACCTGCCTCCAGCACACCCAGGGACAGGCCA  
 TCTGCTTACCATCCTGGGCGTGTACCAGCCTGGTGGTGTGGGACCGTGGCCATCGTCTTTCTCAA  
 CAAGTGGCAAACCTGGGTGCCAACCTGCGCTACAACCACATGCTTCGCAAGAAGAAGAACCTCCTGTGG  
 CAGTATAACAGCGCGGAGGAGCTGGCGGTCAATATCATCTTCCCGAGAAGATTGACATGACCACTTTCA  
 ACAAGGAGGCTGGTGTGAGGAGAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001190704  
**Insert Size:** 939 bp



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**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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\\_001190704.1](#), [NP\\_001177633.1](#)

**RefSeq Size:** 4120 bp

**RefSeq ORF:** 939 bp

**Locus ID:** 13386

**Cytogenetics:** 12 60.17 cM

**Gene Summary:** May have a role in neuroendocrine differentiation. Inhibits adipocyte differentiation.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 3), compared to isoform 1. Sequence Note: This RefSeq record was created from genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.