

Product datasheet for **MC208008**

DLK1 (NM_010052) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DLK1 (NM_010052) 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: >MC208008 representing NM_010052
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCGCGACCCGAGCCCTCTGCGCGTCTCTTGTCTCTGCTGGCTTCGGCCACAGCACCTATGGGG
 CTGAATGCGACCCACCCTGTGACCCCCAGTATGGATTCTGCGAGGCTGACAATGTCTGCAGGTGCCATGT
 TGGCTGGGAGGGTCCCCTCTGTGACAAGTGTGAACTGCCCTGGCTGTGTCAATGGAGTCTGCAAGGAA
 CCATGGCAGTGCATCTGCAAGGATGGCTGGGACGGGAAATTCGCGAAATAGACGTTTCGGCTTGCACCT
 CAACCCCTGCGCCAACAATGGAACCTGCGTGGACCTGGAGAAAGGCCAGTACGAATGCTCTGCACACC
 TGGGTTCTCTGGAAAGGACTGCCAGCACAAGGCTGGGCCCTGCGTGATCAATGGTTCTCCCTGCCAGCAC
 GGAGGGCGCTGCGTGGATGATGAGGGCCAGGCCTCGCATGCTTCTGCCTGTGCCCCCTGGCTTCTCAG
 GCAACTTCTGTGAGATCGTAGCCGCAACCAACAGCTGTACCCCTAACCCATGCGAGAACGATGGCGTCTG
 CACCGACATCGGGGGTGACTTCCGTTGCCGCTGCCAGCTGGATTCTGTCGACAAGACCTGCAGCCGCCCG
 GTGAGCAACTGCGCCAGTGGCCCGTCCAGAACGGGGCACCTGCCTCCAGCACACCCAGGTGAGCTTCCG
 AGTGTCTGTGCAAGCCCCGTTTCATGGGTCCCACGTGCGCGAAGAAGCGCGGGGTAGCCCGTGCAGGT
 CACCCACCTGCCAGCGCTATGGGCTCACCTACCGCCTGACCCCGGGGTGCACGAGCTGCCTGTTTCAG
 CAGCCCGAGCAACACATCCTGAAGGTGTCCATGAAAGAGCTCAACAAGAGTACCCCTCTCTCACCGAGG
 GACAGGCCATCTGCTTACCATCCTGGCGTGCTCACCAGCCTGGTGGTGTGGGACCCTGGCCATCGT
 CTTTCTCAACAAGTGCGAAACCTGGGTGTCCAACCTGCGCTACAACCACATGCTTCGCAAGAAGAAGAAC
 CTCCTGTTGCAGTAAACAGCGCGAGGAGCTGGCGGTCAATATCATCTTCCCCGAGAAGATTGACATGA
 CCACCTTCAACAAGGAGGCTGGTATGAGGAGATCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online >](#)

ACCN:	NM_010052
Insert Size:	1158 bp
OTI Disclaimer:	<p>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 or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	NM_010052.5 , NP_034182.2
RefSeq Size:	4339 bp
RefSeq ORF:	1158 bp
Locus ID:	13386
UniProt ID:	Q09163
Cytogenetics:	12 60.17 cM
Gene Summary:	<p>May have a role in neuroendocrine differentiation. Inhibits adipocyte differentiation. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and 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.</p>