

## 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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208393 representing NM_001190704 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGATCGCGACCGGAGCCCTCTGCGCTCTTGTCTCTGCTGGCTTTCGGCCACAGCACCTATGGGG  
CTGAATGCGACCCACCCTGTGACCCCCAGTATGGATTCTGCGAGGCTGACAATGTCTGCAGGTGCCATGT  
TGGCTGGGAGGGTCCCCTCTGTGACAAGTGTGTAAGTCCCTGGCTGTGTCAATGGAGTCTGCAAGGAA  
CCATGGCAGTGCATCTGCAAGGATGGCTGGGACGGGAAATCTGCGAAATAGACGTTCTGGGCTTGACCT  
CAACCCCTGCGCAACAATGGAAGTGGCTGGGACCTGGAGAAAGGCCAGTACGAATGCTCTGCACACC  
TGGGTTCTCTGGAAGGACTGCCAGCACAGGCTGGGCCCTGCGTGATCAATGGTTCTCCCTGCCAGCAC  
GGAGGCGCTGCGTGATGATGAGGGCCAGGCCTCGCATGCTTCTGCCTGTGCCCCCTGGCTTCTCAG  
GCAACTTCTGTGAGATCGTAGCCGAACCAACAGCTGTACCCCTAACCCATGCGAGAAGCATGGCGTCTG  
CACCGACATCGGGGGTGACTTCCGTTGCCGCTGCCAGCTGGATTCTGTCGACAAGACCTGCAGCGCCCG  
GTGAGCAACTGCGCCAGTGGCCCGTCCAGAACGGGGCACCTGCCTCCAGCACCCAGGGACAGGCCA  
TCTGCTTACCATCCTGGGCGTGCTCACCAGCCTGGTGGTGTGGGCACCGTGGCCATCGTCTTTCTCAA  
CAAGTGCGAACCTGGGTGTCCAACCTGCGCTACAACCACATGCTTCGCAAGAAGAAGAACCTCCTGTTG  
CAGTATAACAGCGGCGAGGAGCTGGCGGTCAATATCATCTTCCCCGAGAAGATTGACATGACCACTTCA  
ACAAGGAGGCTGGTGATGAGGAGATC**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001190704



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<b>Insert Size:</b>	939 bp
<b>OTI Disclaimer:</b>	<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 <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> 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. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_001190704.1</a> , <a href="#">NP_001177633.1</a>
<b>RefSeq Size:</b>	4120 bp
<b>RefSeq ORF:</b>	939 bp
<b>Locus ID:</b>	13386
<b>Cytogenetics:</b>	12 60.17 cM
<b>Gene Summary:</b>	<p>May have a role in neuroendocrine differentiation. Inhibits adipocyte differentiation. [UniProtKB/Swiss-Prot Function]</p> <p>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.</p>