

Product datasheet for **MC208392**

DLK1 (NM_001190703) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DLK1 (NM_001190703) 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: >MC208392 representing NM_001190703
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCGCGACCGGAGCCCTCTGCGCGTCTCTTGCTCCTGCTGGCTTCGGCCACAGCACCTATGGGG
 CTGAATGCGACCCACCCTGTGACCCCAAGTATGGATTCTGCGAGGCTGACAATGTCTGCAGGTGCCATGT
 TGGCTGGGAGGGTCCCCTCTGTGACAAGTGTGTAAGTCCCTGGCTGTGTCAATGGAGTCTGCAAGGAA
 CCATGGCAGTGCATCTGCAAGGATGGCTGGGACGGGAAATTCGCGAAATAGACGTTTCGGCTTGCACCT
 CAACCCCTGCGCCAACAATGGAAGTTCGCTGGACCTGGAGAAAGGCCAGTACGAATGCTCCTGCACACC
 TGGGTTCTCTGGAAAGGACTGCCAGCACAAGGCTGGGCCCTGCGTGATCAATGGTTCTCCCTGCCAGCAC
 GGAGGCGCCTGCGTGGATGATGAGGGCCAGGCCTCGCATGCTTCTGCCTGTGCCCCCTGGCTTCTCAG
 GCAACTTCTGTGAGATCGTAGCCGCAACCAACAGCTGTACCCCTAACCCATGCGAGAACGATGGCGTCTG
 CACCGACATCGGGGGTGACTTCCGTTGCCGCTGCCAGCTGGATTTCGTCGACAAGACCTGCAGCCGCCCG
 GCCATCTGCTTACCATCCTGGGCGTCTCACCAGCCTGGTGGTGTGGGCACCGTGGCCATCGTCTTTC
 TCAACAAGTGCAGAACCTGGGTGTCCAACCTGCGCTACAACCATGCTTCGCAAGAAGAAGAACCTCCT
 GTTGCAGTATAACAGCGCGAGGAGCTGGCGGTCAATATCATCTTCCCCGAGAAGATTGACATGACCACT
 TTCAACAAGGAGGCTGGTATGAGGAGATCT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001190703
Insert Size: 873 bp



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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:	<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:	<u>NM_001190703.1</u> , <u>NP_001177632.1</u>
RefSeq Size:	4054 bp
RefSeq ORF:	873 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 (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to 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.