

Product datasheet for **RC237845**

DLK2 (NM_001286656) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DLK2 (NM_001286656) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: DLK2
Synonyms: DLK-2; EGFL9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC237845 representing NM_001286656
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGCCAGCGGCTGCCGCTGCATCTCGTGTGCCTGTTGTGCATTCTGGGGCTCCCGGTACGCTG
 TCCGAGCCGATGACTGCAGCTCCCACTGTGACCTGGCCCACGGCTGCTGTGCACCTGACGGCTCCTGCAG
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 TGCCACCAGCCATGGCAGTGCATCTGCCACAGTGGCTGGGAGATGAACATATCTGTACCACGCAGTCCC
 CCTGCCAGAATGGAGGCCAGTGCATGTATGACGGGGCGGTGAGTACCATTGTGTGTGCTTACCAGGCTT
 CCATGGGCGTGACTGCGAGCGCAAGGCTGGACCCTGTGAACAGGCAGGCTCCCCATGCCGAATGGCGGG
 CAGTGCCAGGACGACCAGGGCTTTGCTCTCAACTTACAGTGGCGCTGCTTGGTGGGCTTTGTGGGTGCC
 GCTGTGAGGTAATGTGGATGACTGCCTGATGCGGCCCTTGCTAACGGTGGCACCTGCCTTGACGGCAT
 AAACCGTTTCTCCTGCCTCTGTCTGAGGGCTTTGCTGGACGCTTCTGCACCATCAACTGGATGACTGT
 GCCAGCCGCCATGCCAGAGAGGGGCCCGCTGTGCGGACCGTGTCCACGACTTCGACTGCCTCTGCCCA
 GTGGCTATGGTGGCAAGACCTGTGAGCTTGTCTTACCTGTCCCAGACCCCAACCACAGTGGACACCCC
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 TGGTGGTGTGGGGCCCTCACTGCTGCCTGGTTCTGGCTACTGTGTTGCTGACCTGAGGGCCTGGCG
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 GAGTGTGAGTTAGCATGCTGCCAGCAGGGCTCCCCTGCCACGTGACTTGGCCCTGAGCCTGAAAGA
 CCACAGCACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RC237845 representing NM_001286656
Red=Cloning site Green=Tags(s)

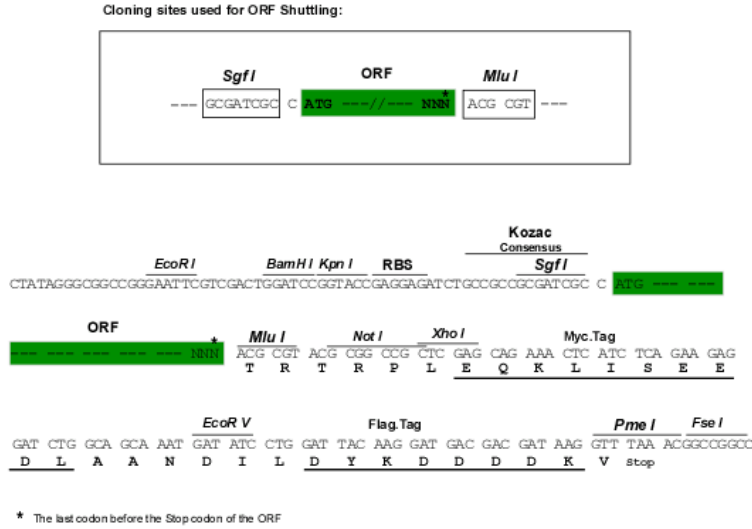
MPSGCRCLHLVCLLCILGAPGQPVRADDCSSHCDLAHGCCAPDGSCRCDPGWEGLHCERCVRMPGCQHGT
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 QCQDDQGFALNFTCRCLVGFVGARCEVNVDDCLMRPCANGATCLDGINRF SCLCPEGFAGRFTINLDDC
 ASRPCQRGARCRDRVHDFDCLCPSGYGGKTCELVLPVDPPTTVDTPLGPTS AVVVPATGPAPHSAGAGL
 LRISVKEVYRRQEAGLGEPSLVLVVFGALTAALVLATVLLTLRAWRRGVCPPGPCCYAPHYAPACDQD
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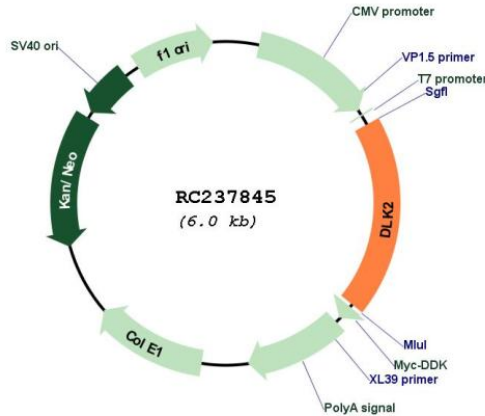
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001286656

| | |
|-------------------------------|---|
| ORF Size: | 1131 bp |
| OTI Disclaimer: | 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 |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| 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_001286656.2 |
| RefSeq Size: | 1619 bp |
| RefSeq ORF: | 1134 bp |
| Locus ID: | 65989 |
| UniProt ID: | Q6UY11 |
| Cytogenetics: | 6p21.1 |
| Protein Families: | Druggable Genome, Transmembrane |
| MW: | 40.3 kDa |
| Gene Summary: | Regulates adipogenesis.[UniProtKB/Swiss-Prot Function] |