

Product datasheet for **RG237617**

DLK2 (NM_001286655) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DLK2 (NM_001286655) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DLK2
Synonyms:	DLK-2; EGFL9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237617 representing NM_001286655. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCAGCGGCTGCCGCTGCCTGCATCTCGTGTGCCTGTTGTGCATTCTGGGGCTCCCGGTACGCCT
GTCCGAGCCGATGACTGCAGCTCCCACTGTGACCTGGCCACGGCTGCTGTGCACCTGACGGCTCCTGC
AGGTGTGACCCGGGCTGGGAGGGGCTGCACTGTGAGCGCTGTGTGAGGATGCCTGGCTGCCAGCACGGT
ACCTGCCACCAGCCATGGCAGTGCATCTGCCACAGTGGCTGGGCAGGCTCCATGGGCGTGACTGCGAG
CGCAAGGCTGGACCCTGTGAACAGGCAGGCTCCCCATGCCCAATGGCGGCAGTGCCAGGACGACCAG
GGCTTTGCTCTCAACTTCACGTGCCGCTGCTTGGTGGGCTTTGTGGGTGCCCGCTGTGAGGTAATGTG
GATGACTGCCTGATGCGGCCTTGTGCTAACGGTGGCCACCTGCCTTGACGGCATAAACCGCTTCTCCTGC
CTCTGTCTGAGGGCTTTGCTGGACGCTTCTGCACCATCAACCTGGATGACTGTGCCAGCCGCCCATGC
CAGAGAGGGGCCCGCTGTGCGGACCGTGTCCACGACTTCGACTGCCTCTGCCCCAGTGGCTATGGTGGC
AAGACCTGTGAGCTTGTCTTACCTGTCCAGACCCCCAACACAGTGGACCCCTCTAGGGCCACC
TCAGCTGTAGTGGTACCTGCCACGGGCCAGCCCCCACAGCGCAGGGGCTGGTCTGCTGCGGATCTCA
GTGAAGGAGGTGGTGGGAGGCAAGAGGCTGGGCTAGGTGAGCCTAGCTTGGTGGCCCTGGTGGTGT
GGGGCCCTCACTGCTGCCCTGGTTCTGGCTACTGTGTTGCTGACCCTGAGGGCTGGCCCGGGGTGTC
TGCCCCCTGGACCCTGTTGCTACCCTGCCCCACACTATGCTCCAGCGTGCCAGGACCAGGAGTGTGAG
GTTAGCATGCTGCCAGCAGGGCTCCCCCTGCCACGTGACTTCCCCCTGAGCCTGGAAAGACCACAGCA
CTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237617
 Blue=ORF Red=Cloning site Green=Tag(s)

MPSGCRCLHLVCLLCILGAPGQPVRAADCSSHCDLAHGCCAPDGSCRCDPGWEGLHCERCVRMPGCQHG
 TCHQPWQICHSWAGFHGRDCERKAGPCEQAGSPCRNGGQCDDQGFALNFTCRCLVGFVGARCEVNV
 DDCLMRPCANGATCLDGINRF SCLCEPGFAGRFCTINLDDCASRPCQRGARCRDRVHDFDCLCPSGYGG
 KTCELVLPVDPPTTVDTPLGPTSAVVVPATGPAPHSAGAGLLRISVKEVVRQEQAGLGEPSLVALVVF
 GALTAALVLATVLLTLRAWRRGVCPGPCCYPAPHYAPACQDQECQVSMPLPAGLPLPRDLPEPGKTTA
 L
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286655

ORF Size: 1038 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](#)

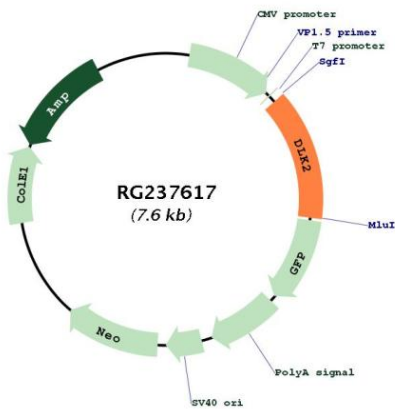
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

RefSeq: [NM_001286655.1](#), [NP_001273584.1](#)

RefSeq Size: 1942 bp

RefSeq ORF: 1041 bp
 Locus ID: 65989
 UniProt ID: [Q6UY11](#)
 Cytogenetics: 6p21.1
 Protein Families: Druggable Genome, Transmembrane
 MW: 37 kDa
 Gene Summary: Regulates adipogenesis.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RG237617