

Product datasheet for **MC212127**

DIk2 (NM_207666) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | DIk2 (NM_207666) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | DIk2 |
| Synonyms: | AI413481; Egfl9 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >NM_207666.2
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAATCACGATGCGGTATCAGTGCCGCTATCTCCGCGTCAAGCCGCTTCCCAGCCCGTGCCATCCC
ACAGGTGTCTACAGTCTGGCCGTTTCATCCGTCGGTCCCTCCTGAGGCCGGAAGTACCATGCCAGCGG
CTGCCGCTGCCTAAATCTCGTGTGCCTGCTGTGCATCCTGGGGCAACCAGCCAGCTGCCAGAGCGGAT
GACTGCAGCTCCCACTGTGACCTGGCCACGGCTGCTGCGCTCCTGACGGCTCCTGCAGGTGTGACCCAG
GCTGGGAGGGGCTGACTGTGAGCGCTGTGTGAGGATGCCTGGCTGCCAGCACGGTACCTGCCACCAGCC
CTGGCAGTGCATCTGCCACAGTGGCTGGGCAGGAAAGTTCTGTGACAAAGATGAGCACATCTGTACCTCA
CAATCACCTGCCAGAATGGAGGCCAGTGTGTATGACGGGGTGGTGTGAGTACCACTGTGTGTGCCTGC
CAGGCTTCCATGGACGTGGCTGTGAGCGCAAGGCTGGACCTTGTGAGCAGGCAGGCTTCCCGTGCCGAA
TGGAGGGCAGTGCCAGGACAACCAGGGTTTTGCCCTCAACTTACATGCCGCTGCTTGGCAGGATTCATG
GGTGCCCACTGTGAGGTCAATGTGGACGACTGTCTGATGCGGCCTTGGCCAATGGTGCCACATGCATTG
ATGGCATAAACCGCTTTTCTGCCTCTGTCTGAGGGCTTCGCTGGACGCTTCTGCACCATCAACCTGGA
TGACTGTGCCAGCCGCCATGCCAGAGAGGGGCCGCTGCAGGGACCGTGTCCATGACTTTGACTGCCTG
TGCCCCAGTGGCTATGGTGGTAAGACTTGTGAACCTGTCTACCTGCTCCAGAGCCTGCCTCAGTGGGCA
CCCCACAAATGCCACCTCAGCTGTAGTTGTACCTGCCACGGGGCCGCCCTCACAGTGGGGGGCGGG
CCTGCTAAGGATCTCAGTGAAGGAGTGGTACGGAGGCAAGAGTCTGGGCTTGGTGAATCTAGCCTGGTT
GCCCTGGTGGTGTGGTCTCTCACTGCTGCGCTGGTCTGCCACGGTGTGCTGACCCTGAGGGCAT
GGCGCCGAGGTATATGCCCACTGGACCCTGCTGCTACCCAGCCCACTATGCCCACTGCGGCAGGA
TCAGGAGTGCCAGGTTAGCATGCTGCCAGCGGGTTCCCTCTGTCCCACTGCCCCCTGAGCCTGGT
AAGACCACAGCGCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1375_a08.zip

Restriction Sites: SgfI-MluI

ACCN: NM_207666

Insert Size: 1278 bp

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:

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_207666.2](#), [NP_997549.2](#)
RefSeq Size: 1532 bp
RefSeq ORF: 1278 bp
Locus ID: 106565
Cytogenetics: 17 C
Gene Summary: Regulates adipogenesis.[UniProtKB/Swiss-Prot Function]