

## Product datasheet for RC225203

### Dermokine (DMKN) (NM\_001126059) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dermokine (DMKN) (NM\_001126059) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** DMKN  
**Synonyms:** UNQ729; ZD52F10  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC225203 representing NM\_001126059  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCTCGGAATAACTTCCTGCAGCGACCAACAGGCTAAAGAGGGGAAGTCTGGAGGGATCCAGCACCG  
 GCTCCTCCTCCGGCAACCACGGTGGGAGCGCGGAGGAAATGGACATAAACCCGGGTGTGAAAAGCCAGG  
 GAATGAAGCCCGCGGAGCGGGGAATCTGGGATTCAGAACTCTGAGACGTCTCCTGGGATGTTAACTTT  
 GACACTTCTGGAAGAATTTTAAATCCAAGCTGGGTTTCATCAACTGGGATGCCATAAACAGAACCAGG  
 TCCCGCCCCAGCACCCGAGCCCTCTACTTCAGCCGACTCTGGGAGGATTTCAAACAGAACACTCC  
 TTTCTCAACTGGAAAGCAATTATTGAGGGTGCAGCGTCATCACTGCAGAAACGTGCAGGCAGAGCC  
 GATCAGAACTACAATTACAACCAGCATGCGTATCCCACTGCCTATGGTGGGAAGTACTCAGTCAAGACCC  
 CTGCAAAGGGGGAGTCTCACCTTCTCCTCGGCTTCCCGGTGCAACCTGGCCTGCTGCAGTGGGTGAA  
 GTTTTGG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC225203 representing NM\_001126059  
 Red=Cloning site Green=Tags(s)

MLGITSCSDQQAKEGEGLEGSSTGSSSGNHGGSGGGNGHKPGCEKPGNEARGSGESGIQNSSETSPGMFNF  
 DTFWKNFKSKLGFINWDAINKNQVPPSTRALLYFSRLWEDFKQNTPLNWKAIIEGADASSLQKRAGRA  
 DQNYNYNQHAYPTAYGGKYSVKTPAKGGVSPSSASRVQPGLLQWVKFW

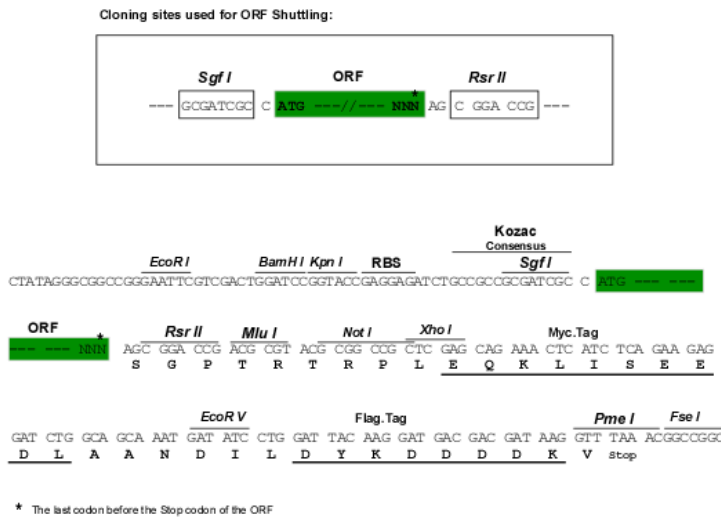
SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-RsrII

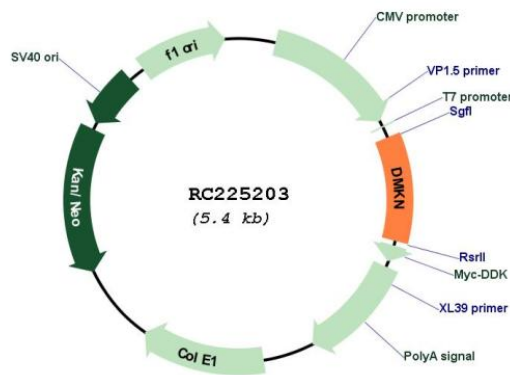


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_001126059

ORF Size: 567 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:**

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\\_001126059.3](#)

**RefSeq Size:** 964 bp

**RefSeq ORF:** 570 bp

**Locus ID:** 93099

**UniProt ID:** [Q6E0U4](#)

**Cytogenetics:** 19q13.12

**MW:** 20.4 kDa

**Gene Summary:** This gene is upregulated in inflammatory diseases, and it was first observed as expressed in the differentiated layers of skin. The most interesting aspect of this gene is the differential use of promoters and terminators to generate isoforms with unique cellular distributions and domain components. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jun 2010]