

Product datasheet for **RC222844**

Dermokine (DMKN) (NM_033317) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dermokine (DMKN) (NM_033317) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dermokine
Synonyms:	UNQ729; ZD52F10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC222844 representing NM_033317
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGTTCAGGGGCCCTGGCCTGCCTCCTGCTGGCCCTCTGCTGGCAGTGGGAGGCTGGCCCC
 TGCAGAGCGGAGAGGAAAGCACTGGGACAAATATTGGGAGGCCCTTGGACATGGCCTGGGAGACGCCCT
 GAGCGAAGGGGTGGGAAAGGCCATTGGCAAAGAGGCCGGAGGGGAGGCTGGCTCTAAAGTCAGTGGGCC
 CTTGGCCAAGGGACCAGAGAAGCAGTTGGCACTGGAGTCAGGCAGGTTCCAGGCTTTGGCGTAGCAGATG
 CTTTGGCAACAGGGTCGGGAAAGCAGCCCATGCTCTGGGAAACTGGGCACGAGATTGGCAGACAGGC
 AGAAGATGTCATTGACACGGAGCAGATGCTGTCCGGCTCCTGGCAGGGGTGCTGGCCACAATGGT
 GCTTGGGAAACTTCTGGAGGCCATGGCATCTTTGGCTCTCAAGTGGCCTTGGAGGCCAGGGCCAGGGCA
 ATCCTGGAGGTCTGGGACTCCGTGGTCCACGGATACCCCGAAACTCAGCAGGCAGCTTTGGAATGAA
 TCCTCAGGGAGCTCCCTGGGTCAGGAGGCAATGGAGGGCCACCAAACCTTTGGACCAACTCAGGGA
 GCTGTGGCCAGCCTGGCTATGGTTAGTGAGAGCCAGCAACCAGAATGAAGGGTGCACGAATCCCCAC
 CATCTGGCTCAGGTGGAGGCTCCAGCAACTCTGGGGGAGGCAGCGGCTCACAGTCGGGCAGCAGTGGCAG
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 AGCAGTGGCGGCAGCAGTGGTGGCAGCAGTGGCAACAGTGGTGGCAGCAGAGGTGACAGCGGCAGTGA
 CCTCCTGGGGATCCAGCACCGGCTCCTCCTCCGGCAACCACGGTGGGAGCGGGAGGAAATGGACATAA
 ACCCGGGTGTGAAAAGCCAGGGAATGAAGCCCGGGAGCGGGGAATCTGGGATTCAGAACTCTGAGACG
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 CAGAAACGTGCAGGCAGAGCCGATCAGAACTACAATTACAACCAGCATGCGTATCCCCTGCCTATGGTG
 GAAAGTACTCAGTCAAGACCCCTGCAAAGGGGGAGTCTCACCTTCTCCTCGGCTTCCCGGGTGAAC
 TGGCCTGCTGCAGTGGGTGAAGTTTGG

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

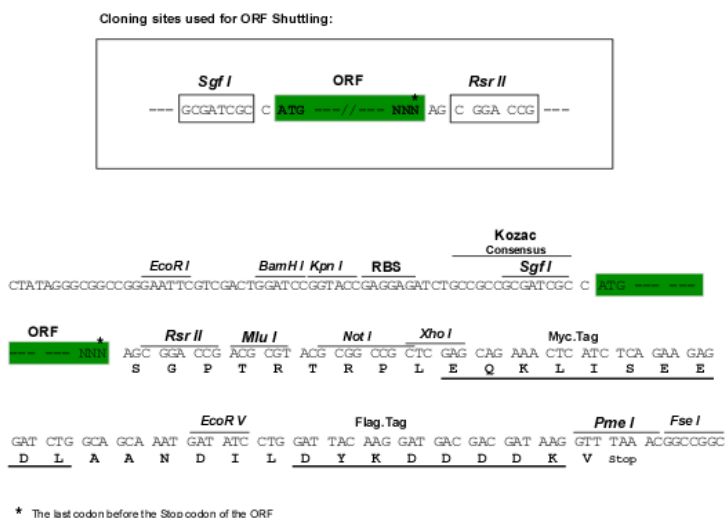
>RC222844 representing NM_033317
 Red=Cloning site Green=Tags(s)

MKFGQPLACLLLALCLGSGEAGPLQSGEESTGTNIGEALGHGLGDALSEGVGKAIGKEAGGAAGSKVSEAL
 LGQGTREAVGTGVRQVPGFVADALGNRVGEAAHALGNTGHEIGRQAEDVIRHGADAVRGSWQGVPGHNG
 AWETSGGHGIFGSQGLGGQGNPGLGTPWVHGYPGNSAGSFGMNPQGAPWQGGNGGPPNFGTNTQG
 AVAQPGYGSVRASNQNEGCTNPPPSGSGGSSNSGGGSGSQSGSSGSGSNGDNNNGSSGSSGSSGSSG
 SSGGSSGSSGNSGSGSRGDSGSESSWGSSTGSSSNHGGSGGGNGHKPGCEKPGNEARGSGESGIQNS
 ETPGMFNFDFWKNFKSKLGFINWDAINKNQVPPSTRALLYFRLWEDFKQNTPFLNWKAIIEGADASSL
 QKRAGRADQNYNYNQHA YPTAYGGKYSVKTPAKGGVSPSSASRVQPGLLQWVKFW

SGPTRRRLE**QKLI**SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: NM_033317

ORF Size: 1428 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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.

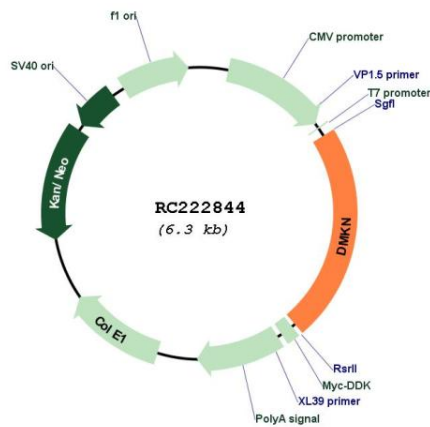
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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_033317.4, NP_201574.3](#)
RefSeq Size: 1946 bp
RefSeq ORF: 1431 bp
Locus ID: 93099
UniProt ID: [Q6E0U4](#)
Cytogenetics: 19q13.12
MW: 47 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]

Product images:



Circular map for RC222844