

Product datasheet for **SC317788**

Dermokine (DMKN) (NM_033317) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dermokine (DMKN) (NM_033317) Human Untagged Clone
Tag:	Tag Free
Symbol:	Dermokine
Synonyms:	UNQ729; ZD52F10
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033317, the custom clone sequence may differ by one or more nucleotides

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ATGAAGTTCAGGGGCCCTGGCCTGCCTCCTGCTGGCCCTCCTGCCTGGGCAGTGGGGAG
GCTGGCCCCCTGCAGAGCGGAGAGGAAAGCACTGGGACAAATATTGGGGAGGCCCTTGA
CATGGCCTGGGAGACGCCCTGAGCGAAGGGGTGGGAAAGGCCATTGGCAAAGAGGCCGGA
GGGGCAGCTGGCTCTAAAGTCAGTGAAGCCCTTGGCCAAGGGACAGAGAAGCAGTTGGC
ACTGGAGTCAGGCAGGTTCCAGGCTTTGGCGCAGCAGATGCTTTGGCAACAGGGTCGGG
GAAGCAGCCCATGCTCTGGGAAACTGGGCACGAGATTGGCAGACAGGCAGAAGATGTC
ATTCGACACGGAGCAGATGCTGTCCGGCTCCTGGCAGGGGTGCCTGGCCACAATGGT
GCTTGGGAAACTTCTGGAGGCCATGGCATCTTTGGCTCTCAAGGTGGCCTTGGAGGCCAG
GGCCAGGGCAATCCTGGAGGTCTGGGACTCCGTGGGTCCACGGATACCCCGAAACTCA
GCAGGCAGCTTTGGAATGAATCCTCAGGGAGCTCCTGGGGTCAAGGAGGCAATGGAGGG
CCACCAAACCTTTGGGACCAACTCAGGGAGCTGTGGCCAGCCTGGCTATGGTTCAAGT
AGAGCCAGCAACCAGAATGAAGGGTGCACGAATCCCCACCATCTGGCTCAGGTGGAGGC
TCCAGCAACTCTGGGGGAGGCAGCGGCTCACAGTCGGGCAGCAGTGGCAGTGGCAGCAAT
GGTGACAACAACAATGGCAGCAGCAGTGGTGGCAGCAGTGGCAGCAGCAGTGGCGGC
AGCAGTGGCGGCAGCAGTGGTGGCAGCAGTGGCAACAGTGGTGGCAGCAGAGGTGACAGC
GGCAGTGAAGTCTCCTGGGGATCCAGCACCGGCTCCTCCTCCGGCAACCACGGTGGGAGC
GGCGGAGGAAATGGACATAAACCAGGGTGTGAAAAGCCAGGGAATGAAGCCCGGGGAGC
GGGGAATCTGGGATTCAGAACTCTGAGACGTCTCCTGGGATGTTAACTTTGACACTTTC
TGGAAAGATTTTAAATCCAAGCTGGGTTTCATCAACTGGGATGCCATAAACAAGAACCAG
GTCCCGCCCCCAGCACCCGAGCCCTCCTACTTTCAGCCGACTCTGGGAGGATTTCAA
CAGAACAATCCTTTCCTCAACTGGAAAGCAATTATTGAGGGTGGCGACGCGTCATCACTG
CAGAAACGTGCAGGCAGAGCCGATCAGAATAACAATTACAACCAGCATGCGTATCCCACT
GCCTATGGTGGGAAGTACTCAGTCAAGACCCTGCAAAGGGGGAGTCTCACCTTCTTCC
TCGGCTTCCCGGGTGCAACCTGGCCTGCTGCAGTGGGTGAAGTTTGG

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Restriction Sites:	Please inquire
ACCN:	NM_033317
Insert Size:	1946 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_033317.2 , NP_201574.2
RefSeq Size:	1946 bp
RefSeq ORF:	1431 bp
Locus ID:	93099
UniProt ID:	Q6E0U4
Cytogenetics:	19q13.12

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]

Transcript Variant: This variant (2) represents the longest transcript and encodes the longest isoform (2, also referred to as isoform beta).