

Product datasheet for **RG225655**

Dermokine (DMKN) (NM_001126056) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dermokine (DMKN) (NM_001126056) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DMKN
Synonyms:	UNQ729; ZD52F10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG225655 representing NM_001126056 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTTCAGGGGCCCTGGCCTGCCTCCTGCTGGCCCTCTGCCTGGGCAGTGGGGAGGCTGGCCCC
TGCAGAGCGGAGAGGAAAGCACTGGGACAAATATTGGGGAGGCCCTTGGACATGGCCTGGGAGACGCCCT
GAGCGAAGGGGTGGGAAAGGCCATTGGCAAAGAGGCCGGAGGGGCAGCTGGCTCTAAAGTCAGTGAGGCC
CTTGGCCAAGGGACCAGAGAAGCAGTTGGCACTGGAGTCAGGCAGGTTCCAGGCTTGGCGCAGCAGATG
CTTTGGCAACAGGGTCGGGAAGCAGCCCATGCTCTGGGAAACTGGGCACGAGATTGGCAGACAGGC
AGAAGATGTCATTGACACGGAGCAGATGCTGTCCGGCTCCTGGCAGGGGGTGCCTGGCCACAATGGT
GCTTGGGAACTTCTGGAGGCCATGGCATCTTTGGCTCTCAAGGTGGCCTTGGAGGCCAGGGCCAGGGCA
ATCCTGGAGGTCTGGGACTCCGTGGGTCCACGGATACCCCGAAACTCAGCAGGCAGCTTTGGAATGAA
TCCTCAGGGAGCTCCCTGGGGTCAAGGAGGCAATGGAGGGCCACCAACTTTGGGACCAACTCAGGGA
GCTGTGGCCAGCCTGGCTATGGTTCAGTGAGAGCCAGCAACAGAATGAAGGGTGCACGAATCCCCAC
CATCTGGCTCAGGTGGAGGCTCCAGCAACTCTGGGGAGGCAGCGGCTCACAGTCGGGCAGCAGTGGCAG
TGGCAGCAATGGTGACAACAACAATGGCAGCAGCAGTGGTGGCAGCAGCAGTGGCAGCAGCAGTGGCGG
AGCAGTGGCGGCAGCAGTGGTGGCAGCAGTGGCAACAGTGGTGGCAGCAGAGGTGACAGCCGAGTGGT
CCTCTGGGATCCAGCACCGGCTCCTCCTCCGGCAACCACGGTGGGAGCGGCGGAGGAAATGGACATAA
ACCCGGGTGTGAAAAGCCAGGGAATGAAGCCCGGGGAGCGGGGAATCTGGGATTCAGGGCTTCAGAGGA
CAGGGAGTTCCAGCAACATGAGGGAAATAAGCAAAGAGGGCAATCGCTCCTTGGAGGCTCTGGAGACA
ATTATAGGAACTCTGAGACGTCTCCTGGGATGTTAACTTTGACACTTTCTGGAAGAATTTAAATCCAA
GCTGGGTTTCATCAACTGGGATGCCATAAACAAGGACCAGAGAAGCTCTCGCATCCCG

ACGGTACGGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG225655 representing NM_001126056
 Red=Cloning site Green=Tags(s)

MKFQGPLACLLALCLGSGEAGPLQSGEESTGTNIGEALGHGLGDALSEGVGKAIIGKEAGGAAGSKVSEA
 LGQGTREAVGTGVRQVPFGAADALGNRVGEAAHALGNTGHEIGRQAEDVIRHGADAVRGSWQGVPHNG
 AWETSGGHGIFGSQGLGGQGQGNPGLGTPWVHGYPGNSAGSFGMNPQGAPWQGGNGGPPNFGTNTQG
 AVAQPGYGSVRASNQNEGCTNPPPSGGSGGSNSGGSGSGSNGDNNNGSSSGSSSGSSSGS
 SSGSSSGSSSGNSGRDSSGESSWSSSTGSSSGNHGSGGGNGHKPGCEKPGNEARGSGESGIQGFRR
 QGVSSNMREISKEGNRLGSGDNYRNSSETSPGMFNFDTFWKNFKSKLGFINWDAINKDQRRSRIP

TRTRPLE - GFP Tag - V

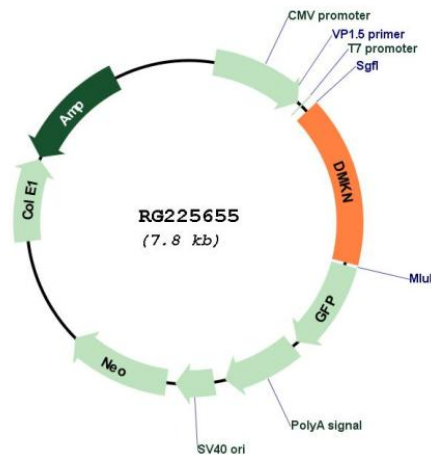
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001126056

ORF Size:	1248 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:	<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_001126056.1 , NP_001119528.1
RefSeq Size:	1580 bp
RefSeq ORF:	1398 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]