

Product datasheet for **RC225655**

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:	Myc-DDK
Symbol:	Dermokine
Synonyms:	UNQ729; ZD52F10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC225655 representing NM_001126056 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTTCAGGGGCCCTGGCCTGCCTCCTGCTGGCCCTCTGCCTGGGCAGTGGGGAGGCTGGCCCC
TGCAGAGCGGAGAGGAAAGCACTGGGACAAATATTGGGGAGGCCCTTGGACATGGCTGGGAGACGCCCT
GAGCGAAGGGTGGGAAAGGCCATTGGCAAAGAGGCCGGAGGGGCAGCTGGCTCTAAAGTCAGTGGGCC
CTTGGCCAAGGGACCAGAGAAGCAGTTGGCACTGGAGTCAGGCAGGTTCCAGGCTTTGGCGTAGCAGATG
CTTTGGGCAACAGGGTCGGGAAGCAGCCCATGCTCTGGGAAACTGGGCACGAGATTGGCAGACAGGC
AGAAGATGTCATTGACACGGAGCAGATGCTGTCCGCGGCTCCTGGCAGGGGGTGCCTGGCCACAATGGT
GCTTGGGAAACTTCTGGAGGCCATGGCATCTTTGGCTCTCAAGGTGGCCTTGGAGGCCAGGGCCAGGGCA
ATCCTGGAGGTCTGGGACTCCGTGGGTCCACGGATACCCCGAAACTCAGCAGGCAGCTTTGGAATGAA
TCCTCAGGGAGCTCCCTGGGGTCAAGGAGGCAATGGAGGGCCACCAAACTTTGGGACCAACTCAGGGA
GCTGTGGCCAGCCTGGCTATGGTTCAGTGAGAGCCAGCAACCAGAATGAAGGGTGCACGAATCCCCAC
CATCTGGCTCAGGTGGAGGCTCCAGCAACTCTGGGGATCCAGCACCGGCTCCTCCTCCGGCAACCACGG
TGGGAGCGGGAGGAAATGGACATAAACCCGGGTGTGAAAAGCCAGGGAATGAAGCCCGGGAGCGGG
GAATCTGGGATTCAGGGCTTCAGAGGACAGGGAGTTTCCAGCAACATGAGGAAAATAAGCAAAGAGGGCA
ATCGCCTCCTGGAGGCTCTGGAGACAATTATAGGGGGCAAGGGTCGAGCTGGGGCAGTGGAGGAGTGA
CGCTGTTGGTGGAGTCAATACTGTGAACTCTGAGACGTCTCCTGGGATGTTTAACTTTGACACTTTCTGG
AAGAATTTTAAATCCAAGCTGGGTTTCATCAACTGGGATGCCATAAAACAAGAACCAGGTCCCGCCCCCA
GCACCCGAGCCCTCCTCTACTTCAGCCGACTCTGGGAGGATTTCAAACAGAACACTCCTTTCCTCAACTG
GAAAGCAATTATTGAGGGTGGCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC225655 representing NM_001126056
Red=Cloning site Green=Tags(s)

MKFQGPLACLLALCLGSGEAGPLQSGEESTGTNIGEALGHGLGDALSEGVGKAIKKEAGGAAGSKVSEA
 LGQGTREAVGTGVRQVPFGVADALGNRVGEAAHALGNTGHEIGRQAEDVIRHGADAVRGSWQGVPGHHG
 AWETSGGHGIFGSQGLGGQGNPGLGTPWVHGYPGNSAGSFGMNPQGAPWGQGGNGGPPNFGTNTQG
 AVAQPGYGSVRASNQNEGCTNPPPSGSGGSSNSGSSSTGSSSGNHGSGGGNGHKPGCEKPGNEARGSG
 ESGIQGFRGQGVSSNMREISKEGNRLLGGSGDNYRQGSSSWGSGGDAVGGVNTVNSETSPGMFNDFTFW
 KNFKSKLGFINWDAINKNQVPPPSTRALLYFSRLWEDFKQNTPFLNWKAIIEGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8034_f10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001126056

ORF Size: 1130 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 ORF: 1398 bp

Locus ID: 93099

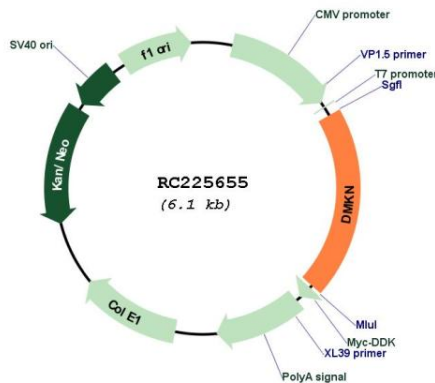
UniProt ID: [Q6E0U4](#)

Cytogenetics: 19q13.12

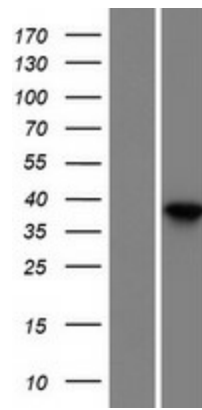
MW: 40.36 kDa

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]

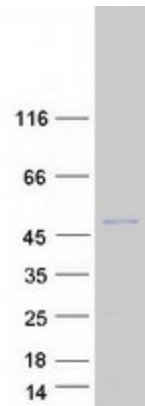
Product images:



Circular map for RC225655



Western blot validation of overexpression lysate (Cat# [LY426636]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC225655 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified DMKN protein (Cat# [TP325655]). The protein was produced from HEK293T cells transfected with DMKN cDNA clone (Cat# RC225655) using MegaTran 2.0 (Cat# [TT210002]).