

## Product datasheet for **MC202744**

### **Dmkn (NM\_172899) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dmkn (NM_172899) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dmkn
Synonyms:	1110014F24Rik; AW561900; C130074A08; cl-36; SK30; SK89
Vector:	<u>PCMV6-Kan/Neo</u>
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >BC064724 sequence for NM\_172899  
 GCAGGGAAGTCTGGGAACAGAGAGAAGGCTGTGGGCTCTGGGGAAGGAGAATAAGGAAGCAAGGAAGG  
 AAAGGAAAAGGTCTCAGCCCAGAGGAAGAAAGAAGGGAACAAATAGACTGGGCTGCAGACATCCTCAGAG  
 GAGAGAGGGAGCTGGGCAGAGATGAAGCTACAGGGCTCTCTGGCCTGCCTCTCTGTTGGCCATGTCTGG  
 GTGGTGGGGCAGCTAACCCGCTGCACAGTGGAGGGGAGGGCACAGGGGCAAGTGTGCCCATGGAGCAGG  
 AGATGCCATTAGCCATGGAATTGGAGAGGCTGTGGCCAAGGGGCTAAAGAAGCAGCCAGCTCTGGAATC  
 CAGATGCCCTAGGCCAGGGGCACGGAGAGGAAGGTGGCTCCACATTGATGGGGAGCAGAGGGCGATGTTT  
 TTGAGCACCGGCTTGGGGAAGCAGCAAGATCTCTGGGGAACGCTGGGAATGAGATTGGCAGACAGGCTGA  
 GGATATCATTGCGCAAGGGGTAGATGCTGTCCACAACGCTGGGTCTGGGGGACATCTGGAGGTCATGGC  
 GCATATGGCTCTCAAGGTGGTGTGGAGTCCAGGGCAATCCTGGTCTCAAGGGACACCCTGGGCTCAG  
 GAGGCACTATGGGACTAACTCTCTGGTGGCTCTGTGGGTGAGGTGGCAATGGCGGACCACTCGACTA  
 TGAAACCAATGCCAGGGAGCTGTGGCTCAGCCTGGCTACGGGACAGTGAAGGCAACAACAGAACTCA  
 GGGTGTACCAACCCCCACCTTCTGGCTCCCATGAAAGCTTCAGTAACTCTGGGGAAAGCAGCAATGATG  
 GCAGTCGTGGTAGCCAAGGCAGTCATGGCAGTAATGGTCAGGGCAGCAGCGGTAGAGGCGGTGGCCAAGG  
 CAACAGCGACAACAATGGCAGCAGTAGCAGTAGCAGCGGCAACAGTGGCAACAGCAACAGTGGCAAC  
 AGCGGCAACAGCAACAGTGGCAACAGCGGCAACAGCGGTTCTGGGTCCCGGGACATAGAAACATCTAATT  
 TTGATGAAGGCTATTGCGTCTCCAGGGGAACCGGCAGCAGGGGTGGAAGTGGTGGAAAGTGGTGGAAAGTGG  
 TGGTGGAAACAAACCCGAGTGTAAACACCAGGGAATGATGTGCGCATGGCCGGAGGATCTGGGAGTCAG  
 GGGCATGGGTCCAATGGTGGCAATATACAAAAAGAAGCTGTCAATGGACTCAACACTATGAACTCGGATG  
 CATCTACCTTGCCTTCAACATTGACAATTTCTGGGAGAATCTTAAGTCCAAGACGCGCTTCATTAAGT  
 GGATGCCATAAACAGGGTCAATGCCCATCTCCAGCACTCGGGCTTTACTCTACTTCCGCAAACTGTGG  
 GAGAATTTCAAACGCAGCACTCCTTTCTCAACTGGAAACAGATTGAGGGTTCAGATCTGTCTATCTGTG  
 AGAAGAGGGCAGGTGGAGCTGACCAGTTTCTAAGCCTGAAGCAAGACAAGATCTTTGAGTGCATCCTGC  
 CAAGAACTACTACAATAACAGCAGGTGAATCCTACTTACAAGTGGCAATACTATACCAAGCACTGCC  
 AAGGCGGGAGTCAACCTTCATCTTCTCGGCTTCCCGGGCACAACCTGGCTGTGAAAGTGGTGAAGT  
 TTTGGTAGAACATTCTTCTAGTCACTGCGGACTCCTCACGAATGCACACAGGTCTTCAGGGAGTTTGAC  
 TGTCTTACCCAGAGTCTCTCTGATGCAGCTGACCTACCTGGGCATGACAAGCCTGTCTCTCGCCTGG  
 GGACCTGGTTTATCTGTCTCATTCTCCCCATTGATTGGTGTCTTGGCGACTAATCAGTTTCATTGT  
 ATAACCAGCCAGATCTTACCTCTTCTCCGTACGTGACCGAAGTCCCTGGAACGAGGCATCTGGAGCT  
 TCCTACTCTCCAGTTTCTGTGGAAATAAACATGACTCTTTGTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_172899

**Insert Size:** 1527 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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:	<u>BC064724</u> , <u>AAH64724</u>
RefSeq Size:	2044 bp
RefSeq ORF:	1527 bp
Locus ID:	73712
UniProt ID:	<u>Q6P253</u>
Cytogenetics:	7 B1
Gene Summary:	May act as a soluble regulator of keratinocyte differentiation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 3. The resulting isoform (2, also called beta) has a shorter and distinct N-terminus compared to isoform 3.