

Product datasheet for **RN216826**

Dmkn (NM_001173357) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dmkn (NM_001173357) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dmkn
Synonyms:	RGD1561521
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216826 representing NM_001173357
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCCACAAGGGTCTCTGGCCTGTCTCCTGTGGCCCTATGTCTGGGACGCGGGTAGCTAATCCGC
 TGCACAGCGGAGGGGAGGGCACAGGGGCAATGCTGCCCCGGAATGGGAGGTACCATTAGCCATGGAAT
 TGGAGAGTCTGTGGGCCAAGGGGCTAAAGAAGCAGCCAGCTCTGGAATCCAGGATGCCCTGGGTACGGG
 CACGGCGAAGGTGGCTACGCACTGATGGGGGACAGGGGATGTTTTCGACCACCAGCTTGGGGAGGCAG
 CTCGATCTCTGGAGAACCTGGGAATGAGATTGGCAGACGGGCTGAGGATGTTATTCGCAGAGGGGTAGA
 CGCTGCCACAACCTGGGTCTGGGGGACATCTGGAGGTCATGGCGTGTATGGCTCTCAAGGTGGTTTT
 GGAAGCCAGGGCAATCCTGGTGTGAAGGGACACCCTGGGCTCAGGAGGCAACTATGGAACAACTCTC
 TGGGTGGCTCTGTGGGTACGGGTGGCAGTGGCAGGCCGCTCAACTATGAAACCAATGCCAGGGGGCTGT
 GGCTCAGCTGGCTATGGAGCAGTGAGAGGCAACAACCAGAATTCAGGGTGTACCAACCCCCACCTTCT
 GACTCCCACGAAAGCTTACGCGACTCTGGGGGAAGCAGCAATGGCGGCAGTCATGGTGGCCAAGGCAACC
 AAGGCAGCAATGGTCAGGGCAACAGCGCGGTAACAGCGGCCAAGGCAGCAGTGGCAGCAGTGGCAACAG
 TGGCAACAACGAGGGCAGCGGTGGCCACAGTGGTAACAGCGCGGCCAACAGCGGTTCTGGGTCCCGGGAC
 CTGGAAACGTCTAATTTTGATGATGGCTATTCAGTTTCCAGGGGAAGTACCTCATCTCCGGCAGCAGAG
 GTGGTAGTGGTGGTGGTGGAAACAGACCCGAGTGTAAACAACCCAGGGAATGACGTGCGCATGGCTGGAGG
 ATCTGGGAGTCAGGAAAGTAAAGAAAGCAGCCATCTCCTTGGAGGCTCCCATGACTACCAGGGGCACGGG
 TCCGGGCACGGGTCCAATGGTGGCAATGTACAAGAGATGCTGTCACTGGACTCAACACCATGAACCTCCG
 ATGCATCTTCTTGCCTTCAACTTGGACAATTTCTGGGAGAATTTTAAATCCAAGATGGGTTTCATTAA
 CTGGGATGCCATAAACAAGGGTCGAGGCCCGGCTCCAGCACTCGTGCCTTACTCTACTTCCGACAGACTG
 TGGGAGAATTTCAACGCAACACTCCTTTCTTCAACTGGAACAGATTGAGGGCTCAGATCTGTCATCTC
 TGCAGAAGAGGGCAGGTGGTGTGACCAAGTCTTCTCAGCCGGAAGCAGCAAGACAAGATCTGTCAGCTGA
 GTCAGCCAAGAATACTACAACAACGCCAGGTGAATCTACTTACAACCTGGCAATACTATACCAAGACC
 ACCCCCAAGGGGAGTCACACCTTCTCCTCGGCTTCCCGGCCACAACCTGGCCTGCTGAAGTGGCTGA
 AGTTTTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001173357

Insert Size: 1551 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001173357.1](#), [NP_001166828.1](#)

RefSeq Size: 2016 bp

RefSeq ORF: 1551 bp

Locus ID: 361548

Cytogenetics: 1q21