

## Product datasheet for **MG219388**

### Dmkn (NM\_028618) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dmkn (NM\_028618) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Dmkn  
**Synonyms:** 1110014F24Rik; AW561900; C130074A08; cl-36; SK30; SK89  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG219388 representing NM\_028618  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAACCAGTCACGGCCTCTGCTCTGCTTATCCTGCTGGGTGTGGCCTGGCGTGGAGACAGCCACA  
GCTGGGGTTCAGATCTGTCATCTCTGCAGAAGAGGGCAGGTGGAGCTGACCAGTTTTCTAAGCCTGAAGC  
AAGACAAGATCTTTCAGCTGACTCATCCAAGAATACTACAATAACCAGCAGGTGAATCCTACTTACAAC  
TGGCAATACTATACCAAGACCACTGCCAAGCGGGAGTCACACCTTCATCTTCTCGGCTCCCGGGCAC  
AACCTGGCCTGCTGAAGTGGCTGAAGTTTTGG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG219388 representing NM\_028618  
Red=Cloning site Green=Tags(s)  
MKPVTASALLLILLGVAWRGDSHWSLQKRAGGADQFSKPEARQDLSDSSKNYNNQVNPITYN  
WQYYTKTTAKAGVTPSSSSASRAQPGLLKWLKFW

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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|-------------------------------|---|
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <a href="#">NM_028618.2</a> , <a href="#">NP_082894.1</a>   |
| <b>RefSeq Size:</b>           | 661 bp  |
| <b>RefSeq ORF:</b>            | 315 bp  |
| <b>Locus ID:</b>              | 73712   |
| <b>UniProt ID:</b>            | <a href="#">Q6P253</a>  |
| <b>Cytogenetics:</b>          | 7 B1  |
| <b>Gene Summary:</b>          | May act as a soluble regulator of keratinocyte differentiation.[UniProtKB/Swiss-Prot Function]  |