

## Product datasheet for **MR200240**

### Dpm3 (NM\_026767) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Dpm3 (NM\_026767) Mouse Tagged ORF Clone

Tag: Myc-DDK

Symbol: Dpm3

Synonyms: 1110001H19Rik; AV117483

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR200240 representing NM\_026767  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACGAAGTTAACACAGTGGCTTTGGGGACTGGCTCTCCTGGGCTCTGCCTGGGCTGCCCTGACCATGG  
GAGCACTGGGCTTGGAGTTGCCTTTCCCTGCCGAGAGGTCCTGTGGCCACTGCCTGCCTACCTGTTGGT  
CTCCGCTGGCTGCTATGCCCTGGGCACGGTGGCTATCGCGTAGCTACATTTACGACTGCGAGGACGCT  
GCCCGAGAGCTGCAGAGCCAGATCGTGGAGGCCCGAGCTGATTTAGCACGCAGGGGGCTGCGCTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200240 representing NM\_026767  
Red=Cloning site Green=Tags(s)

MTKLTQWLWGLALLGSAWAALTMGALGLELPPFCREVLWPLPAYLLVSAGCYALGTVGYRVATFHDCEDA  
ARELQSQIVEARADLARRGLRF

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

Chromatograms: [https://cdn.origene.com/chromatograms/mm9026\\_c07.zip](https://cdn.origene.com/chromatograms/mm9026_c07.zip)

Restriction Sites: Sgfl-MluI



[View online »](#)

Cloning Scheme:



ACCN: NM\_026767

ORF Size: 276 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: [NM\\_026767.4](#), [NP\\_081043.1](#)

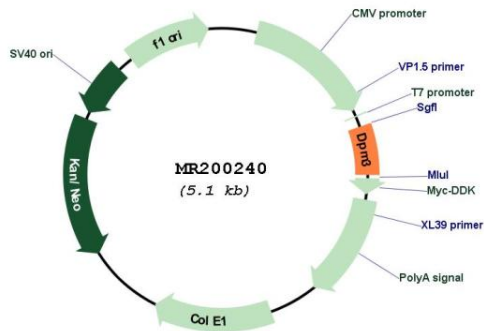
RefSeq Size: 506 bp

RefSeq ORF: 279 bp

Locus ID: 68563

UniProt ID: [Q9D1Q4](#)  
 Cytogenetics: 3 F1  
 MW: 10.6 kDa  
 Gene Summary: Stabilizer subunit of the dolichol-phosphate mannose (DPM) synthase complex; tethers catalytic subunit DPM1 to the ER.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR200240