

## Product datasheet for **MR209387**

### Dmwd (BC089027) Mouse Tagged ORF Clone

#### Product data:

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | Dmwd (BC089027) Mouse Tagged ORF Clone |
| Tag:                      | Myc-DDK                                |
| Symbol:                   | Dmwd                                   |
| Synonyms:                 | DMR-N9, MGC37679, 59                   |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | pCMV6-Entry (PS100001)                 |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |



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**ORF Nucleotide  
Sequence:**

>MR209387 representing BC089027  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCAGCCAGTCTAGTTGAACTGGTGAGCTCCGGTTCACTGAGAGACCCTGTGTCAAATGTAAGATGC  
 AAAGCCAGGGAGAGAGATGCCCCGATGTTGACCTCTGACCTCTACATCTCTACACAACACACAACAACCAC  
 GCAGGCGTATACTATGTGTACATACAGGAAAAGATGACGGAATCCTAAATTTGGGGATTTTGCATCC  
 TTGGGTCTGGGAGGTCTTAGACTATTGCTCTACTGGAGTTGCTTCCTCTTAGCGGTTTCCCTGACCTCA  
 GCTCCTCTTCTCTCTCTGCTCTAACCAGTTAACTCGTCTCTCCCGCGTTCAAGTCCATCGATCT  
 CAACAAGCCCATCGACAAGCGGATCTACAAGGGGACCCAGCCACCTGCCACGACTTCAACCAGTTCACA  
 GCTGCCACAGAGACCATTTCCTGCTGGTGGGCTTCTCTGCCGGCCAGGTGCAGTATCTGGACCTCATCA  
 AGAAAGACACCAGCAAGCTATTCAATGAAGAGCGGCTGATTGACAAGACCAAGGTGACATATTTGAAGTG  
 GCTGCCTGAGTCAGAGAGTCTGTTCTTCTCTCAGCCAGTGGCCACCTGTACCTCTACAACGTCAGT  
 CACCCCTGCACCTCCACCCACCCAGTATAGTCTGCTGAAACAGGGTGAGGGCTTTGCTGTCTATGCGAG  
 CCAAAAGCAAGGCACCCGCAATCCACTAGCCAAGTGGGCAAGTGGGTGAGGGGCCCTCAATGAGTTTGC  
 ATTCTACCTGATGGCCGACCTTAGCCTGTGTGAGCCAGGATGGCTGCCTGCGTGTCTTCCACTTTGAC  
 AGCATGCTTCTGCGTGGGCTCATGAAGAGCTACTTTGGGGTCTGCTGTGTGTGTGTGGAGCCCTGATG  
 GCCGCTACGTGGTGACAGGAGGGGAAGATGACTTAGTCACTGTGTGGTCTTACGGAGGGTCTGTGGT  
 GGCTCGAGGCCATGGCCACAAGTCTGGGTCAACGCTGTAGCCTTTGATCCCTACACCACTCGCGCAGAG  
 GAGGCGGCGTCAGCCAGTGTGATGGAGATCCAGTGGTGAAGAGGAGGAGCCTGAAGTCAACAGCTCAG  
 ACACAGGAGCCCCAGTGTCCCACTGCCAAGGCTGGTCCATCACGTACCGCTTTGGCTCAGTGGCCA  
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 CGCACCTTCCGGGCACACCTGGTGCCACCCACCAAGTCTCTGGTAGTTCTCGGGCCGAGAGACAGGTG  
 CAGGCCCCCTGCCCGCTCCCTGTCTCGTTCCAACAGTCTCCACACCCAGCTGGTGGTGCAAGGCTGG  
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 GAGCGGCGGGACCGGGAGCTGAGAAGGAACACAACGCTACCATAGCCTGGGAAACATCAGCCGCGGTG  
 GCAGTGGGGCAATAGCAGCAATGACAAGCTCAGTGGTCTGCCCCCGAAGCCGATTGGACCCAGCTAA  
 GGTGCTGGGCACGGCACTGTGCCCTCGGATCCATGAGGTGCCACTGCTGGAGCCTCTCGTGTGCAAGAAG  
 ATTGCTCAGGAACGCTGACCGTCTACTGTTCTGGAGGATTGTATCATCACTGCTGCCAAGAGGGCC  
 TCATCTGCACCTGGGCCCGGCCAGGCAAGCGGGCATCTCTCCCAACCAGGCAGTCCCCAGTGGCAC  
 TGTGGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

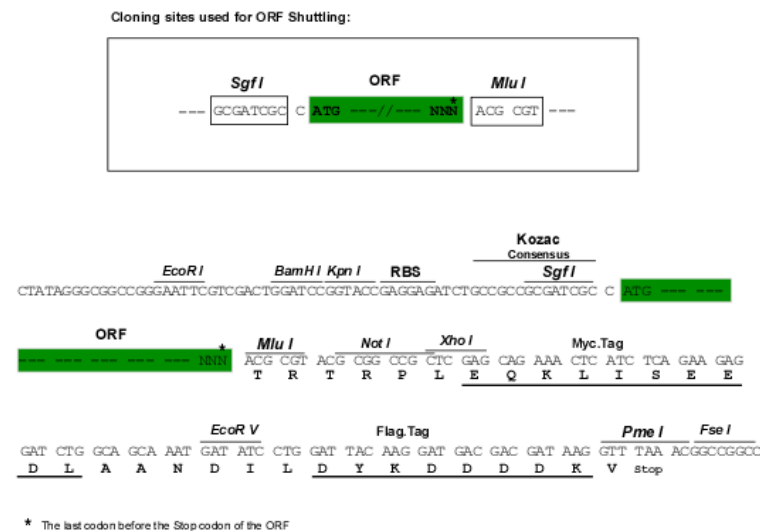
>MR209387 representing BC089027  
 Red=Cloning site Green=Tags(s)

MAASLVELVSSGFTERPCVKCKMQSQGERCPMLTSDLYISTQHTTTTQAYTMCTYREKMTEILNLGIFAS  
 LGLGGLRLLSYWSCFLLAVSPDLSSSFLSCSNRLTRLLPRFKSIDLNKPIDKRIYKGTQPTCHDFNQFT  
 AATETISLLVGFSAQVQYLDLIKDDTSKLFNEERLIDKTKVYTLKWLPESESLFLASHASGHLLYLNVS  
 HPCTSTPPQYSLLKQGEFAVYAAKSKAPRNPLAKWAVGEGPLNEFAFSPDGRHLACVSQDGCLRVFHD  
 SMLLRGLMKSYFGLLCVCWSPDGRYVVTGGEDDLVTVVSFTEGRVVARHGHSWYNAVAFDPYTTAE  
 EAASASADGDPSEEEEEPEVTSSDTGAPVSPLPKAGSITYRFGSAGQDTQFCLWDLTEDVLSPPHSLART  
 RTLPPTGATPPASGSSRAGETGAGPLPRSLSRNSLPHPAGGKAGGPSASMEGPFPISGRFATLTLQ  
 ERRDRGAKEHKRYHSLGNISRGSGGNSNDKLSGPAPRSRLDPAKVLGTALCPRIHEVPLLEPLVCKK  
 IAQERLTVLLFLEDCIITACQELICTWARPGKAGISSQPGSSPSGTVV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

### Cloning Scheme:



ACCN: BC089027

ORF Size: 1827 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

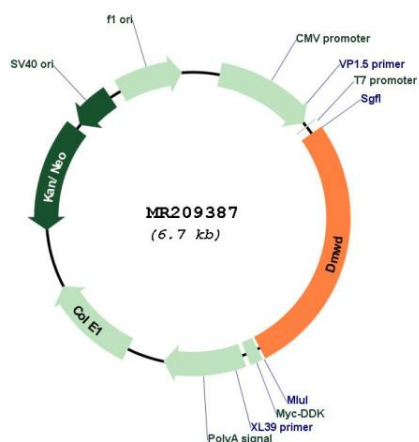
RefSeq: BC089027.1

RefSeq Size: 2700 bp

RefSeq ORF: 1829 bp

Locus ID: 13401  
 Cytogenetics: 7 9.46 cM  
 MW: 99 kDa

## Product images:



Circular map for MR209387