

Product datasheet for **RN211314**

Dmc1 (NM_001130567) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dmc1 (NM_001130567) Rat Untagged Clone
Tag: Tag Free
Symbol: Dmc1
Synonyms: Dmc1h
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211314 representing NM_001130567
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGGAGGATCAAGTTGTGCAGGAAGAATCGGGATTCCAAGATGAGGAGGAGTCTTTGTTTCAAGACA
TTGACCTGTTACAAAAACACGGAATCAACATGGCTGATATTAAGAACTGAAGTCTGTAGGAATCTGTAC
CATCAAAGGGATACAAATGACAACGAGAAGGGCCCTCTGCAATGTCAAAGCCTCTCAGAAGCCAAAGT
GAGAAGATTAAGAGGCAGCCAATAAACTATTGAACCAGGATTCTAACTGCATTTTCAGTACAGCGAAA
AGAGGAAGATGGTTTTCCATATCACTACTGGGAGTCAGGAATTTGATAAATTACTAGGAGGTGGCATTGA
AAGTATGGCAATTACAGAAGCTTTTGGAGAATTCGTAAGTGGAAAACTCAGCTGTCTCATACCTCTGT
GTGACAGCTCAACTCCAGGAGCAGATGGCTACTCAGGAGGAAAGATTATCTTCATTGATACAGAAAATA
CTTTCCGTCAGATCGCCTTCGGGACATTGCTGATCGCTTCAACGTAGACCATGACGCAGTACTGGACAA
CGTGCTCTATGCACGTGCCTATACTAGCGAGCATCAGATGGAGTACTTGATTACGTAGCAGCCAAATTT
CACGAAGAAGCCGGCATTTCAACTATTGATCGTTGACTCAATAATGGCACTTTTTCGAGTGGATTCA
GTGGCCGTGGAGAATTGGCTGAACGCCAGCAAAAATGGCCAGATGTTGTCACGACTCCAAAAATCTC
AGAAGAATATAATGTTGCTGTTTTGTGACCAACCAATGACTGCAGATCCGGGAGCAACTATGACCTTC
CAGGCTGATCCCAAAAAACCCATTGGCGGACACATTCTGGCTCACGCTTCAACAACAAGAATAAGCTTGC
GAAAGGGAAGAGGAGAACTGAGGATTGCCAAGATTTATGACAGCCCTGAGATGCCTGAAAATGAAGCCAC
CTTCGCAATAACCACTGGAGGGATCGGGGATGCCAAGGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001130567



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Insert Size:	1023 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:	<ol style="list-style-type: none">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>NM_001130567.1</u> , <u>NP_001124039.1</u>
RefSeq Size:	2589 bp
RefSeq ORF:	1023 bp
Locus ID:	362960
Cytogenetics:	7q34