

Product datasheet for **MC200286**

Dpm2 (NM_010073) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dpm2 (NM_010073) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dpm2
Synonyms: AW557993; R75484
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC008256 sequence for NM_010073
GCCTAAACCAGGAACCGGATGATTTTGTGCTCCGGCGGAACGCTGGAGAGATGGCCACGGGACAGAC
CAAGCAGTAGGATTTGGCCTTGTGCGCGTTAGCTTATCATCTTACCTACTACACCACTGGGTGATTC
TCTTGCCATTCATTGACAGCCAGCATGTCATCCACAAATACTTCCTGCCCGCGCCTACGCCGCTCCTCT
CCCGTTGGCCGAGGCTCCTGCTGCTCCTATTTGTGGGATTGTTTCATCACCTATGTGATGCTGAAGAGC
CAGAAGATAACCAAGAAGGCTCAGTGAAGGTCCAGCAGGGATGAGGCTGTAGGGCCTTCTCCATATCTC
CTCCAGAAAAGGGACCAAGGGTACAGCTTACAAGATGGTCAAGCTGGCTGCACTGCAGCCCTCTTTGGG
ACATGGGGCTGTTTTCTTCTCAGTTTGACAACCTGGAGCCCTCTCTCTTGGTCATCCTTTAGAAAGCC
AAGAGAAAGGTGGGTTGGGAAGCCTCTCACTTCCCTTAGGCTCAGAGGCTGAACATTGCTGGTTGGTCT
GTCCATCTCACAGTCAAAGCTCCCTGTCCCTTCCACCGAGTTCTCTCTCTCACCTCTGTGCTCCTCCCA
CTGTGCTGATGGATTGAGCAGGCCTTCCCGCCTCTGTACAAGTCTGTCCCGTACAAGGCAGCTCTT
CCGAGTCTGACACTTCCCAGGCTCCATGAGGACTTCTGGACCCAGGAAGCCCTGGGGAAAGACTGACAAA
CCCCAGAACCACAGGGTTACATCCAGGCAGCCACACTAGACCACAATTGGCCTGTTTGGGAAAACCTTACA
AATAAATGTTAATTGCGTTGGAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_010073

Insert Size: 255 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).



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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: [BC008256](#), [AAH08256](#)

RefSeq Size: 877 bp

RefSeq ORF: 255 bp

Locus ID: 13481

UniProt ID: [Q9Z324](#)

Cytogenetics: 2 B

Gene Summary: Regulates the biosynthesis of dolichol phosphate-mannose. Regulatory subunit of the dolichol-phosphate mannose (DPM) synthase complex; essential for the ER localization and stable expression of DPM1. When associated with the GPI-GlcNAc transferase (GPI-GnT) complex enhances but is not essential for its activity (By similarity).[UniProtKB/Swiss-Prot Function]