

Product datasheet for **SC208402**

DPM2 (NM_003863) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DPM2 (NM_003863) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DPM2
Synonyms: CDG1U
ACCN: NM_003863
Insert Size: 653 bp
Insert Sequence: >SC208402 3'UTR clone of NM_003863
The sequence shown below is from the reference sequence of NM_003863. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
ACCAAGAGAGTGACCAAGAAGGCTCAGTGAAGGTCCCAGGAGGATGAGGCTGCCAGCCCCTTCTCTGTCT  
TCCCCTCCAGCACAGGGACCAAGTGGGGAGCCTGCAGAACCTGTCCAGGCACAGTGGCTCCTCAAGCC  
TGCTGTCTGCAGAGTCCCATGGCATGGAGCTTACACCTGACTGACTGGAGCCCCCTCCCGACTCC  
CACTTCCAGAAGCTAGGAGGGAGGGATACCTGGAAGACTCCGGTCACCTCCTTCTTGCTCAGGGCTAA  
AAGATGCTGGTCTCCCAACCTCACTCTCAGACTCCCTGCCACCTTTTCCCTGGGTTCTGCCGTCTTG  
CCTCACTTCCCCTCCTGTACATGCTGACGTTGGACTTAGCAGGTTCTAAGGCCACATGTGTGACCTCT  
CTGACTTCTTCTCCACCAAGGCAGCTTTCTTACCCTGACACAGCCCAGACCCCAAAAGCCTTC  
TGGACCTGGAAAGCCTGGGAAGGACTGACAGACCCAGGACCAGCCCTGGGGCTCAGGGCAGCCACCC  
CGGGCCGCTGACCGACTGACCTCTCCTCACGGAGGCCAGCCCCAAAGCCCCAGGGCTGGCCGTTTGG  
GACAGCTGACCAATAAACTGATGGTGTGT  
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



RefSeq: [NM_003863.4](#)

Summary: Dolichol-phosphate mannose (Dol-P-Man) serves as a donor of mannosyl residues on the luminal side of the endoplasmic reticulum (ER). Lack of Dol-P-Man results in defective surface expression of GPI-anchored proteins. Dol-P-Man is synthesized from GDP-mannose and dolichol-phosphate on the cytosolic side of the ER by the enzyme dolichyl-phosphate mannosyltransferase. The protein encoded by this gene is a hydrophobic protein that contains 2 predicted transmembrane domains and a putative ER localization signal near the C terminus. This protein associates with DPM1 in vivo and is required for the ER localization and stable expression of DPM1 and also enhances the binding of dolichol-phosphate to DPM1. [provided by RefSeq, Jul 2008]

Locus ID: 8818

MW: 23.5