

Product datasheet for **SC200420**

DPM3 (NM_018973) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DPM3 (NM_018973) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DPM3
Synonyms:	CDG10; MDDGB15; MDDGC15
ACCN:	NM_018973
Insert Size:	101 bp
Insert Sequence:	>SC200420 3'UTR clone of NM_018973 The sequence shown below is from the reference sequence of NM_018973. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GACTTAGCCCGCAGGGGGCTGCGCTTCTGACAGCCTAACCCCATCTCTGTGCGGACAGCCCTTCTCCC ATTTCCATTAAAGAGCCAGTTTATTTCTAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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:	<u>NM_018973.4</u>



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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 subunit of dolichyl-phosphate mannosyltransferase and acts as a stabilizer subunit of the dolichyl-phosphate mannosyltransferase complex. [provided by RefSeq, Jul 2008]

Locus ID: 54344

MW: 3.7