OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC203320

DPM1 (NM_003859) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DPM1 (NM_003859) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DPM1
Synonyms:	CDGIE; MPDS
ACCN:	NM_003859
Insert Size:	292 bp
Insert Sequence:	>SC203320 3'UTR clone of NM_003859 The sequence shown below is from the reference sequence of NM_003859. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGATTATTGACTCTTTTTGCTACTACATAAAAGAAAGATACTCATTTATAGTTACGTTCATTTCAGGTT AAACATGAAAGAAGCCTGGTTACTGATTTGTATAAAATGTACTCTTAAAGTATAAAATATAAGGTAAGG TAAATTTCATGCATCTTTTTATGAAGACCACCTATTTTATATTTCAAATTAAATAATTTTAAAGTTGCT GGCCTAATGAGCAATGTTCTCAATTTTCGTTTTCATTTTGCTGTATTGAGACCTATAAATAAATGTATA TTTTTTTTTGCATAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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_003859.3

View online »

Summary: Dolichol-phosphate mannose (Dol-P-Man) serves as a donor of mannosyl residues on the lumenal 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. Human DPM1 lacks a carboxy-terminal transmembrane domain and signal sequence and is regulated by DPM2. Mutations in this gene are associated with congenital disorder of glycosylation type Ie. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2015]

Locus ID: 8813

MW: 11.4