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 SC205977

PMM1 (NM_002676) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: PMM1 (NM_002676) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: PMM1

Synonyms: PMM 1; PMMH-22; Sec53

ACCN: NM_002676

Insert Size: 448 bp

Insert Sequence:

>SC205977 3'UTR clone of NM_002676
The sequence shown below is from the reference sequence of NM_002676. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCTTCCCAGAGACAGCTCATGAGGCGTGACCGGGGCCCACATCTGTGTGTCGTGACTTCTGAAGAGTT
TGGCCTAGGCCTAAAGAGAGGTCCTGGTGTTGGATAGATGCCAGGGCCCCTCCTCTGGCCCAGGACGCC
TGCTGCAAGCCCACCCAGATGGGGCCAGAGTCTGTGTGGACAACCGTCCCCAGCCAGTCTGCTCCTAGT
GGCACTGGCTTCGTCCTCCCAGGGCCCAGAGTGTTCCCCATGCTCCACCTGGTGGCCCAGGCCACAGCT
GCTGCTTGTATTTCGGTACAGAAGAGGTTTCTTTCTGCACCAGGAGGAGGCGTGCTCAAGTATCGGTAC
GAGATCTAGCCTGCCCTGCCTGCCTGCCCTGGGCGATGAGGTACGGTGGGGAAGGTGCCTATTTTAGAG
AACTTTGTCACAGTATTAAAGTTCCCAGAACAAA
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_002676.3

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Summary: Phosphomannomutase catalyzes the conversion between D-mannose 6-phosphate and D-mannose 1-phosphate which is a substrate for GDP-mannose synthesis. GDP-mannose is used for synthesis of dolichol-phosphate-mannose, which is essential for N-linked glycosylation and thus the secretion of several glycoproteins as well as for the synthesis of glycosyl-phosphatidyl-inositol (GPI) anchored proteins. [provided by RefSeq, Jul 2008]

Locus ID: 5372

MW: 16.2