

Product datasheet for **SC205444**

PMVK (NM_006556) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PMVK (NM_006556) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PMVK
Synonyms: HUMPMKI; PMK; PMKA; PMKASE; POROK1
ACCN: NM_006556
Insert Size: 419 bp
Insert Sequence: >SC205444 3'UTR clone of NM_006556
The sequence shown below is from the reference sequence of NM_006556. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGATAGAATTTATCCGCTCCAGACTTAGTCACTAGGTTCTAGGAGTGAGCTGGGGCTGCTGAGGTG
GGGTGGGGCTGACTCTGCAAAATGGGGGTGTCCCCCGATCCTGGCCGAGGTGAGGAACAGACAGGGGG
GGTCTAGATTCTGAGGGGTTGGTGGATATTGGGCAAGGCAGGAAACCTCTGGAGACCTCATTCTCC
ATGGGGAAGACAGCCATGCTCTTCAGGAGGAGACTCCAAGGGCAAAGGAGGTGTCTTGGCTGTGCTTG
AAGGCCAAACCCTGCCATATCCCCAGTGCCAGTCCCCTCAGCCTGTGGTGGCCTTGCATCCTGACTGGA
TGTCTCAGCCCCTTGTCTGGGCAAGAACCAGAGCTCCCAGTGTGGATACTAATAAACCTCTTGGGA
GCACA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_006556.4](#)



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Summary: This gene encodes a peroxisomal enzyme that is a member of the galactokinase, homoserine kinase, mevalonate kinase, and phosphomevalonate kinase (GHMP) family of ATP-dependent enzymes. The encoded protein catalyzes the conversion of mevalonate 5-phosphate to mevalonate 5-diphosphate, which is the fifth step in the mevalonate pathway of isoprenoid biosynthesis. Mutations in this gene are linked to certain types of porokeratosis including disseminated superficial porokeratosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2017]

Locus ID: 10654

MW: 15.1