

## Product datasheet for **TP302867L**

### PMVK (NM\_006556) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human phosphomevalonate kinase (PMVK), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC202867 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAPLGGAPRLVLLFSGKRKSGKDFVTEALQSRLGADVCAVLRSLGKPLKEQYAEHGLNFQRLDSTYKE  
AFRKDMIRWGEEKRQADPGFFCRKIVEGISQPIWLVSDDRVSIDIQWFREAYGAVTQTVRVVALEQSRQQ  
RGWVFTPGVDDAESECGLDNFGDFDWWIENHGVEQRLEELENLIEFIRSRL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 21.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_006547](#)

**Locus ID:** 10654

**UniProt ID:** [Q15126](#), [Q6FGV9](#)

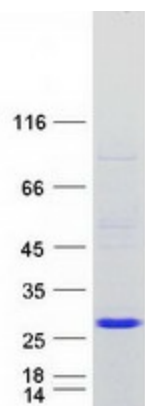
**RefSeq Size:** 1307



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Cytogenetics:	1q21.3
RefSeq ORF:	576
Synonyms:	HUMPMKI; PMK; PMKA; PMKASE; POROK1
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]
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Terpenoid backbone biosynthesis

### Product images:



Coomassie blue staining of purified PMVK protein (Cat# [TP302867]). The protein was produced from HEK293T cells transfected with PMVK cDNA clone (Cat# [RC202867]) using MegaTran 2.0 (Cat# [TT210002]).