

OriGene Technologies, Inc.

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Product datasheet for TP720221

PMVK (NM_006556) Human Recombinant Protein

Product data:

| Product Type: | Recombinant Proteins |
|--|---|
| Description: | Recombinant protein of human phosphomevalonate kinase (PMVK) |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | Met1-Leu192 |
| Tag: | N-His |
| Predicted MW: | 24.2 kDa |
| Concentration: | lot specific |
| Purity: | >95% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | Provided lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl |
| Endotoxin: | < 0.1 EU per µg protein as determined by LAL test |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 3 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | <u>NP 006547</u> |
| Locus ID: | 10654 |
| UniProt ID: | <u>Q15126, Q6FGV9</u> |
| Cytogenetics: | 1q21.3 |
| 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] |



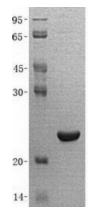
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PMVK (NM_006556) Human Recombinant Protein – TP720221

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Terpenoid backbone biosynthesis

Product images:



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