

**Product Name: Recombinant Human PMVK (N-6His)**  
**Catalog #: PEH1347**



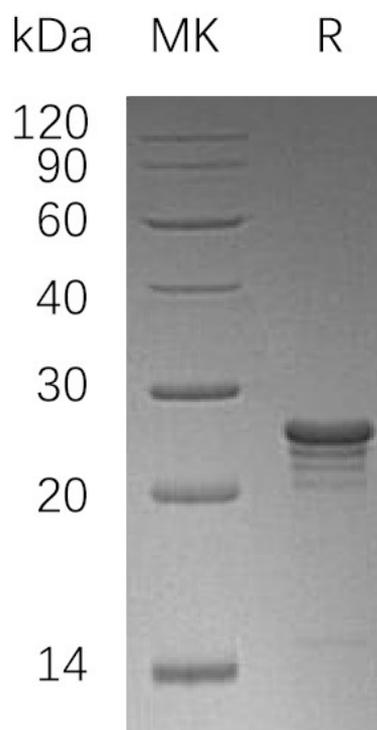
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## Summary

|                                 |   |
|---------------------------------|---|
| <b>Name</b>                     | PMKase/PMVK   |
| <b>Purity</b>                   | Greater than 95% as determined by reducing SDS-PAGE   |
| <b>Endotoxin level</b>          | <1 EU/μg as determined by LAL test.   |
| <b>Construction</b>             | Recombinant Human Phosphomevalonate Kinase is produced by our E.coli expression system and the target gene encoding Met1-Leu192 is expressed with a 6His tag at the N-terminus. |
| <b>Accession #</b>              | Q15126  |
| <b>Host</b>                     | E.coli  |
| <b>Species</b>                  | Human   |
| <b>Predicted Molecular Mass</b> | 24.2 KDa  |
| <b>Formulation</b>              | Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 10% Glycerol, pH 7.5.   |
| <b>Shipping</b>                 | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.  |
| <b>Stability&amp;Storage</b>    | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.            |
| <b>Reconstitution</b>           |   |

## SDS-PAGE image

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### **Alternative Names**

Phosphomevalonate Kinase; PMKase; hPMK; PMVK; PMKI

### **Background**

Phosphomevalonate kinase (PMVK) is a cytosolic enzyme. PMVK can be highly expressed in the heart, skeletal muscle, liver, pancreas, and kidney; it is expressed at lower levels in the brain, lung, and placenta. Induced by sterol, PMVK takes part in isopentenyl diphosphate biosynthesis through the mevalonate pathway. PMVK catalyzes the conversion of mevalonate 5-phosphate into mevalonate 5-diphosphate in the fifth reaction of the cholesterol biosynthetic pathway.

### **Note**

For Research Use Only , Not for Diagnostic Use.