

Recombinant Human PMVK Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PMVK-6131H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PMVK MS Standard C13 and N15-labeled recombinant protein (NP_006547) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	22 kDa
AA Sequence	MAPLGGAPRLVLLFSGKRKSGKDFVTEALQSRLGADVCAVLRRLSGPLKEQYAEHG LNFQRLLDSTSTYKEAFRKDMIRWGEEKRQADPGFFCRKIVEGISQPIWLVS DTRRVS DIQWFREAYGAVTQTVRVVALEQSRQQRGWVFTPGVDDAESECGLDNFGDFDWVI ENHGVEQRLEEQLLENLIEFIRSRLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

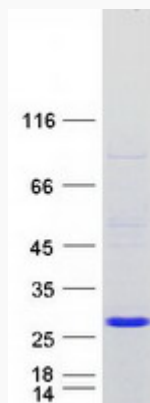
GENE INFORMATION

Gene Name	PMVK phosphomevalonate kinase [Homo sapiens (human)]
Official Symbol	PMVK
Synonyms	PMVK; phosphomevalonate kinase; HUMPMKI; PMK; PMKA; hPMK; PMKASE;
Gene ID	10654
mRNA Refseq	NM_006556
Protein Refseq	NP_006547
MIM	607622
UniProt ID	Q15126

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SDS-PAGE

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