

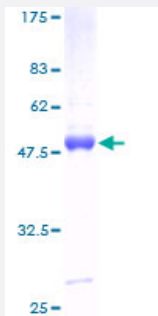
Full-Length

PMVK (Human) Recombinant Protein (P01)

Catalog # H00010654-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PMVK full-length ORF (AAH07694, 1 a.a. - 192 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAPLGGAPRLVLLFSGKRKSGKDFVTEALQSRLGADVCAVLRLSGPLKEQYAEHGLNFQRLLD TSTYKEAFRKDMIRWGEEKRQADPGFFCRKIVEGISQPIWLVSDDRVSIDIQWFREAYGAVTQTV RVVALEQSRQQRGWVFTPGVDDAESECGLDNFGDFDWVIENHGVEQRLEEQLLENLIEFIRSRL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.86
Interspecies Antigen Sequence	Mouse (83); Rat (85)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PMVK

Entrez GeneID	10654
GeneBank Accession#	BC007694
Protein Accession#	AAH07694
Gene Name	PMVK
Gene Alias	HUMPMKI, PMK, PMKA, PMKASE
Gene Description	phosphomevalonate kinase
Omim ID	607622
Gene Ontology	Hyperlink
Gene Summary	PMVK (EC 2.7.4.2) is a peroxisomal enzyme that catalyzes the conversion of mevalonate 5-phosphate into mevalonate 5-diphosphate as the fifth reaction of the cholesterol biosynthetic pathway.[supplied by OMIM]
Other Designations	OTTHUMP00000035546

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)

- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)
- [Terpenoid backbone biosynthesis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)