

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PMVK, 1-192aa, Human, His tag, E.coli

产品货号: TP03444

第三版

别名: Phosphomevalonate kinase, HUMPMKI, PMK, PMKA, PMKASE.

描述: Phosphomevalonate kinase, also known as PMVK, is a cytosolic enzyme. It was expressed highly in heart, liver, skeletal muscle, kidney and pancreas and slightly lower in brain, placenta, and lung. Induced by sterol, PMVK participates in isopentenyl diphosphate biosynthesis via the mevalonate pathway. PMVK catalyzes the conversion of mevalonate 5-phosphate into mevalonate 5-diphosphate in the fifth reaction of the cholesterol biosynthetic pathway.

配方: Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 1mM DTT, 10% glycerol, 0.1M NaCl

分子量: 24.1 kDa (212aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAPLGGAPRLVLLFSGKRKSGKDFVTEALQSRLGADVCAVLRRLSGPLKEQYAEHGLNF
QRLLDTSTYKEAFRKDMIRWGEEKRQADPGFFCRKIVEGISQPIWLVS DTRRVSDIQWFREAYGAVTQTVRVVALEQSRQ
QRGWVFTPGVDDAESECGLDNFGDFDWVIENHGVEQRLEEQLLENLIEFIRSRL

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.