

Recombinant Human Phosphomevalonate Kinase/PMVK Protein(N-6His)

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3th Edition

Synonyms:Phosphomevalonate Kinase; PMKase; hPMK; PMVK; PMKI

Description: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.

Form:PBS

Molecular Weight:24.2 kDa

Sequences:Met 1-Leu192

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.