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Datasheet for ABIN7318901 PMVK Protein (His tag)

Overview

Quantity:	50 µg
Target:	PMVK
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PMVK protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Phosphomevalonate Kinase/PMVK Protein (His Tag)
Sequence:	Met 1-Leu192
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PMVK
Alternative Name:	Phosphomevalonate Kinase/PMVK (PMVK Products)
Background:	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

Target Details

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.

Synonym: Phosphomevalonate Kinase, PMKase, hPMK, PMVK, PMKI

Molecular Weight: 24.2 kDa

UniProt: [Q15126](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, 1 mM DTT, 10 % Glycerol, pH 7.5.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
