Recombinant Human PMKase/PMVK Protein

Catalog No.: RP02879LQ

Sequence Information

Species
Human

Gene ID
10654

Swiss Prot
Q15126

Tags
N-His

Synonyms
PMVK,HUMPMKI,PMK,PMKA, PMKASE,POROK1

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
24.2 kDa

Observed MW
26 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 10% Glycerol, pH 7.5.

Reconstitution

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 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.

Basic Information

Description
Recombinant Human PMKase/PMVK Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Leu192) of human PMKase/PMVK (Accession #NP_006547.1) fused with a 6×His tag at the N-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

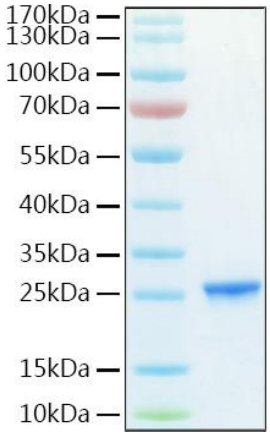
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human PMKase/PMVK Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.