# Human Mevalonate kinase / MVK (His & GST Tag) recombinant protein

Catalog Number: 501339



# General Information

# **Protein Construction**

A DNA sequence encoding the human MVK (Q03426) (Met1-Leu396) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

# **Organism**

Human

# **Expression Host**

**Baculovirus-Insect Cells** 

# **QC Testing**

#### **Activity**

Kinase activity untested

# **Purity**

> 90 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

#### **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

## Predicted N terminal

Met

#### **Molecular Mass**

The recombinant human MVK /GST chimera

consists of 633 amino acids and has a calculated molecular mass of 70.2 kDa. The recombinant protein migrates approximately 47 kDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Supplied as sterile 20mM Tris, 500mM NaCl, 2mM DTT, pH 7.4, 10% gly

- 1.5% trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

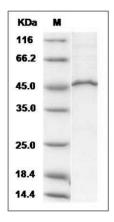
## **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

# Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human MVK / Mevalonate kinase Protein (His & GST Tag) SDS-PAGE