

Datasheet for ABIN1098525  
**MVK Protein (His tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	MVK
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MVK protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Purification:	purified by chromatography
Purity:	> 90 % by SDS - PAGE

## Target Details

Target:	MVK
Alternative Name:	MVK ( <a href="#">MVK Products</a> )
Background:	<p>Mevalonate kinase, also known as MVK, belongs to the GHMP kinase family. Mevalonate is a key intermediate, and mevalonate kinase a key early enzyme, in isoprenoid and sterol synthesis. Mevalonate kinase deficiency caused by mutation of this gene results in mevalonic aciduria, a disease characterized psychomotor retardation, failure to thrive,hepatosplenomegaly, anemia and recurrent febrile crises. Defects in this gene also cause hyperimmunoglobulinaemia D and periodic fever syndrome, a disorder characterized by recurrent episodes of fever associated</p>

Target Details

	with lymphadenopathy, arthralgia, gastrointestinal dismay and skin rash. Recombinant human MVK protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	44.8 kDa (419aa) confirmed by MALDI-TOF
NCBI Accession:	<a href="#">NP_001107657</a>

Application Details

Comment:	Synonyms: Mevalonate kinase, LRBP, MK, MVLK
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 10% glycerol, 1 MM DTT
Storage:	4 °C
Storage Comment:	Avoid repeated freezing and thawing cycles.

Images

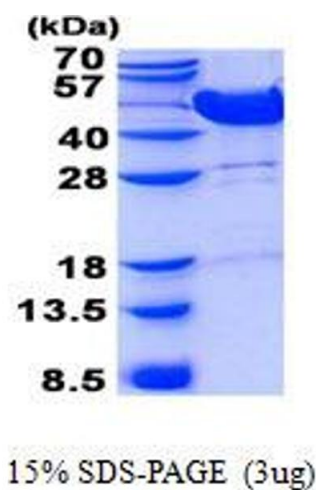


Image 1.