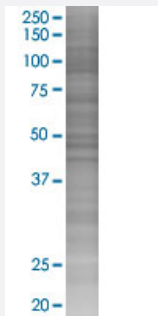


MVK 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004598-T02

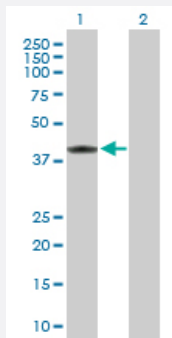
Size 100 uL

Applications



SDS-PAGE Gel

MVK transfected lysate.



Western Blot

Lane 1: MVK transfected lysate (42.50 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-MVK full-length

Host Human

Theoretical MW (kDa) 42.5

Quality Control Testing Transient overexpression cell lysate was tested with Anti-MVK antibody ([H00004598-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 MVK transfected lysate.
 Western Blot
 Lane 1: MVK transfected lysate (42.50 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MVK

Entrez GeneID	4598
GeneBank Accession#	NM_000431.1
Protein Accession#	NP_000422.1
Gene Name	MVK
Gene Alias	FLJ96772, LRBP, MK, MVLK
Gene Description	mevalonate kinase
Omim ID	251170 260920
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the peroxisomal enzyme mevalonate kinase. 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 by psychomotor retardation, failure to thrive, hepatosplenomegaly, anemia and recurrent febrile crises. Defects in this gene also cause hyperimmunoglobulinemia D and periodic fever syndrome, a disorder characterized by recurrent episodes of fever associated with lymphadenopathy, arthralgia, gastrointestinal distress and skin rash. Two transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]
Other Designations	LH receptor mRNA-binding protein mevalonic aciduria

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)

- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)
- [Terpenoid backbone biosynthesis](#)

Disease

- [Amyloidosis](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Diarrhea](#)
- [Dyslipidemias](#)
- [Familial Mediterranean fever](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hypertriglyceridemia](#)
- [Inflammation](#)
- [Irritable Bowel Syndrome](#)
- [Narcolepsy](#)
- [Pain](#)
- [Stomatitis](#)
- [Syndrome](#)