

## Recombinant Full Length Human MVK protein, GST-tagged

Cat. No. MVK-7845H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MVK protein(1-396 aa), fused with N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>ProteinLength</b>	1-396 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
<b>AASequence</b>	MLSEVLLVSAPGKVLHGEHAVVHGKVALAVSLNLRFTFLRLQPHSNGKVDLSLPNIGI KRAWDVARLQSLDTSFLEQGDVTTPTSEQVEKLKEVAGLPDDCAVTERLAVLAFLYL YLSICRKQRALPSLDIVVWSELPPGAGLGSSAAYSVCLAAALLTVCEEIPNPLKDGDC VNRWTKEDLELINKWAFQGERMIHGNPSGVDNAVSTWGGALRYHQGKISSLKRSP ALQILLTNTKVPNRNTRALVAGVRNRLKFPFIVAPLLTSIDAISECERVLGEMGEAPA PEQYLVLEELIDMNQHHLNALGVGHASLDQLCQVTRARGLHSLKTGAGGGGCGITL LKPGLEQPEVEATKQALTSCGFDCLETSIGAPGVSIHSATSLDSRVQQALDGL
<b>Purity</b>	85%, by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [MVK mevalonate kinase \[ Homo sapiens \]](#)

**Official Symbol** [MVK](#)

**Synonyms** MVK; mevalonate kinase; mevalonate kinase (mevalonic aciduria); LH receptor mRNA binding protein; LRBP; mevalonic aciduria; MK; mevalonate kinase 1; LH receptor mRNA-binding protein; MVLK; FLJ96772;

**mRNA Refseq** [NM\\_000431](#)

**Protein Refseq** [NP\\_000422](#)

**MIM** [251170](#)

**UniProt ID** [Q03426](#)

**Gene ID** [4598](#)

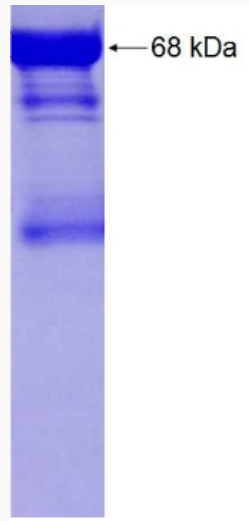
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SDS-PAGE



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