

Recombinant Full Length Human MVK protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MVK protein(1-396 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-396 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 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).
AASequence	MLSEVLLVSAPGKVLHGEHAVVHGKVALAVSLNLRFTLRLQPHSNGKVDLSLPNIGI KRAWDVARLQSLDTSFLEQGDVTTPTSEQVEKLKEVAGLPDDCAVTERLAVLAFLYL YLSICRKQRALPSLDIVVWSELPPGAGLGSSAAYSVCCLAAALLTVCEEIPNPLKDGDC VNRWTKEDLELINKWAFQGERMIHGNPSGVDNAVSTWGGALRYHQGKISSLKRSR ALQILLTNTKVPRNTRALVAGVRNRLKFPEIVAPLLTSIDAISECERVLGEMGEAPA PEQYLVLEELIDMNQHHLNALGVGHASLDQLCQVTRARGLHSLKTGAGGGGCGITL LKPGLEQPEVEATKQALTSCGFDCLETSIGAPGVSIHSATSLDSRVQQALDGL
Purity	85%, by SDS-PAGE.

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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

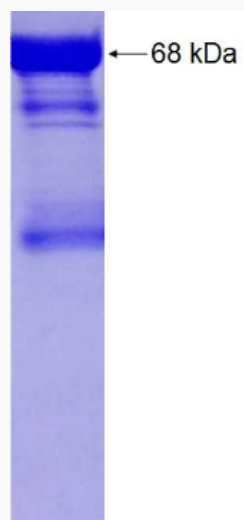
Gene ID 4598

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SDS-PAGE



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