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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MVK (Human) Recombinant Protein (P01)

Catalog Number: H00004598-P01

Regulation Status: For research use only (RUO)

Product Description: Human MVK full-length ORF (NP_000422.1, 1 a.a. - 396 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLSEVLLVSAPGKVLHGEHAVVHGKVALAVSLNLRTF
LRLQPHSNGKVDLSLPNIGIKRAWVVARLQSLDTSFLE
QGDVTTPTSEQVEKLKEVAGLPDDCAVTERLAVLAF
LYLSICRKQRALPSLDIVVWSELPPGAGLGSSAAYS
VCLAAALLTVCEEIPNPLKDGDCVNRWTKEDLELINK
WAFQGERMIHGNSGVDNAVSTWGGALRYHQGKIS
SLKRSPALQILLTNTKVPRNTRALVAGVRNRLK
FPEIVAPL LTSIDAISECERVLGEMGEAPAEQY
LVLEELIDMNQ HHLNALGVGHASLDQLCQV
TRARGLHSKLTGAGGGG CGITLLKPGLEQPE
VEATKQALTSCGFDCLETSIGAPG VSIHSAT
SLDSRVQQALDGL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 68.9

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4598

Gene Symbol: MVK

Gene Alias: FLJ96772, LRBP, MK, MVLK

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 hyperimmunoglobulinaemia D and periodic fever syndrome, a disorder characterized by recurrent episodes of fever associated with lymphadenopathy, arthralgia, gastrointestinal distaste and skin rash. Two transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]