

MVK Human

Recombinant Human Mevalonate Kinase

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Overview

Synonyms Mevalonate Kinase (Mevalonic Aciduria), LH Receptor mRNA-Binding Protein, LRBP, Mevalonate Kinase 1, MK, MVLK, EC 2.7.1.36.

Introduction MVK Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 419 amino acids (1-396) and having a molecular mass of 44.8kDa.

Source E.coli

Purity Greater than 90% as determined by SDS-PAGE.

Properties

Physical appearance Sterile Filtered clear solution.

Species Human

MVK protein (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Amino Acid Sequence MGSSHHHHHH SGLVPRGSH MGSMLSEVLL VSAPGKVLH GEHAVVHGKV ALAVSLNLRT FLRLQPHSNG KVDLSLPNIG IKRAWDVARL QSLDTSFLEQ GDVTTPTSEQ VEKLKEVAGL PDDCAVTERL AVLAFLYLYL SICRKQRALP SLDIVVWSEL PPGAGLGSSA AYSVCLAAAL LTVCEEIPNP LKDGDCVNRW TKEDLELINK WAFQGERMIH GNPSGVDNAV ST

Storage

Stability Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.