

Product datasheet for **SC209092**

MVK (NM_001114185) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MVK (NM_001114185) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MVK
Synonyms:	LRBP; MK; MVLK; POROK3
ACCN:	NM_001114185
Insert Size:	1578 bp



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Insert Sequence:	<p>>SC209092 3'UTR clone of NM_001114185 The sequence shown below is from the reference sequence of NM_001114185. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGAGTCCAGCAAGCCCTGGATGGCTCTGAGAGGAGCCACGACACTGCAGCCCCACCCAGATGCCCTT TTCTGGATTATTCTGGGGCTGCAGTTCGACTCTGTGCTGGCCAGCGAGCGCCAGCTCCTGACACTGC TGGAGAGGCCCGAGCCGCTTGGCGATGCCAGCCAAGCTCTGCAGTCCCAGCGGTGGGACCTAGGGAGGC ATGGTCTGCCCTCTGCATCCTCTGGAGCCAGCCGAGCAGGAGGCCTAGGAGGGTCTCTGAGACTCCAG ACCTGAGGCGAGAAGGGCTGCTCCCTGAAGCTCCACAGTCCCATCTGCTTCAGGCCCCCGCTTGGC CTGTGTTCTTCTGGCCGCTGGTCCAATGCTCAGGTGCTGGGGCTGGTCCCGGAGAAGTGTGCCCT TCTCTCCCTTTTCAGGGACCGCCCTGTCTCTCAGGGCCAGGCCTCTCCCTCCTCCAGGAAGCCTT CCCTACCCCTTGTGCGCCCTCCCTCCCAGAGCACCTGCTGTCTGGGTGGCTCACTCAGCACTTGGTGT GGCCTTCCCTTCTACCTAGCGGGATGGGGCTCCCCAGGGGCTGTCCCGAGGCGGTGGGCTGGTTAA ATAAGGCAGGGTTTATATGCACTTTCTCCGATCTGTACCTGAGAGGTTTGTGGAAGATGGCAAATG GGGAATAAAAAGATTTTGTGTAACAGTAGAGACTCCAGGCCACCAGCACCTCCCTCTGTCCCTGTCCC CTCTCCAGCTGTTTCTCCATGGAGCTTTCAGCAATGGAGGAAATAGGGTTTGGGGTCACTTTGTTG TGCGTCTTGGGGATGAGGTGGCTTTTCCAGATGGCCCTTGTGGAGAGGGACTGGGACACGGCTCTCA GTCCATCAGCACAACTTAGGCTGCTGCTGCGGAGGGAGAAGTTGAGCTTCTAGCTCCAGAATCACAA GCACCCACGAGACACAGACCTGTGTAAGACAGGAAAGCAGAACCTGCCATCGCTCCTGGGGCGCGCCT TCCTTTCTGAAATGAACTGGCTGGATGGAGAAAACAGACTCAAATGTTCTGGCCCGGGTGCCTGGCACT CCCCACCCCGCCCGCCACCGGCCCTATTGAACTTTATATTGCAGTCAGCTTGGTGTTCCTCGAAATG CCATTAGCCATCAGGAAACCTTGTAGTTGGTGCCTTGCCAGCCAGAACCTCTGGGACCCACGGACCTG CAAAGAGGCCGAGTGAAAGGTGGGGGCGCGCAGGGATTTTCAGGATGAGGTGAAAGCGATTTCAGTGC GCGTCTGCCCTTGGCCACTAGGGGGCAGCTGGCGGCCCTCCCTGCTGTTGTCTTCTGCAGGGTGAAG GAGCAGGAGCCGAGCTCCACCCACGCCAGCCTTGGGCCCGCCTGGGATCACTGCTGGGAACGTGAG AGTGAAGGGAGGACGCCTACCCAGCTTAACCTGTAGAAATGGCCCCAGATCACTGATGGCTGTTCCCT GCCCTTCCCTTCAAACACAACGCATAAAGCAGTAATACTAATTAATACTGAACGCTCA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001114185.3

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 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 distention and skin rash. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Locus ID: 4598

MW: 56.9