

Product datasheet for **MC210760**

Pmvk (NM_026784) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pmvk (NM_026784) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pmvk
Synonyms: 1110011E12Rik; 2900002L22Rik; AV001327; PMK; PMKA; PMKASE
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210760 representing NM_026784
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCCCGCTCGGAGCCTCCCCGCTCTGGTGTCTGCTTTAGCGGGAAGAGAAAATCCGGAAGGACT
TCGTGACCGAGAGGCTGAAGAGCAGACTTGGAGGTAACATCTGTGCTCTCTCGCGCTCTCTGGTCCACT
CAAGGAGGAGTATGCTCGGGAGCATGGCTTGGACTTCCAGAGACTTCTGGATGCGAGCACCTACAAGGAG
ACCTATCGGAGGGACATGATCTGTTGGGGGAGCAGAAGCGCCAGGCAGACCCAGGCTTCTTCTGCCGGA
AGATTGTGGAAGGCGTGTCCCAGCCTATCTGGCTGGTGTGACACACGGAGGACATCTGACATCCAGTG
GTTTCAGGAGGCCTATGGGGCTGTGATACAGACAGTCCGAGTAGTGGCCTCGGAGCAGAGTCGACAGCAA
CGGGGCTGGGTGTTACACCAGGGGTGGACGATGCTGAGTCAGAGTGTGGTCTGGACAACCTTGGGAACT
TTGACTGGGTCATTGAGAACCACGGAGATGAGCAGTGCCTGGAGGATCAGCTGGAGCACCTGCTGGGATT
TATTCAGCCAACTT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026784
Insert Size: 579 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_026784.3</u> , <u>NP_081060.2</u>
RefSeq Size:	1204 bp
RefSeq ORF:	579 bp
Locus ID:	68603
UniProt ID:	<u>Q9D1G2</u>
Cytogenetics:	3 F1
Gene Summary:	<p>Catalyzes the reversible ATP-dependent phosphorylation of mevalonate 5-phosphate to produce mevalonate diphosphate and ADP, a key step in the mevalonic acid mediated biosynthesis of isopentenyl diphosphate and other polyisoprenoid metabolites.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>