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Product datasheet for SC205361

ATP5MPL (NM_004894) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	ATP5MPL
Synonyms:	6.8PL; C14orf2; MLQ; MP68; PLPM
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004894
Insert Size:	408 bp
Insert Sequence:	>SC205361 3'UTR clone of NM_004894 The sequence shown below is from the reference sequence of NM_004894. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCTTCAGCGCCTGCTCCTGGTCATCACTAACCAGATTTACTTGGAGTACATGTGAAAGAAAACGTCAGT CTGCCTGTAAATTTCAGCAAGCCGTGTTAGATGGGGAGCGTGGAACGTCACTGTACACTTGTATAAGTA CCGTTTACTTCATGGCATGAATAAATGGATCTGTGAGATGCACTGCTACCTGGTACTGCTTTCAGTGTG TTCCCCCTCAGCCCCTCCGGCGTGTCAGGCATACTCTGAGTAGATAATTTGTCATGCAGCGCATGCAAT CAGAATCTCACTGAGCCACCCATCATTGTGAAATAATTACCTCAGTTGTACAGGACTTGGTGATCAGGA TCCAGGCACTCACTTGTATTCTACTGCTCAATAAACGTTTATTAAACTTGATCCTGCTACTTA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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).

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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_004894.3

Summary: Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation (Probable). Minor subunit required to maintain the ATP synthase population in the mitochondria (PubMed:24330338). [UniProtKB/Swiss-Prot Function]

Locus ID: 9556

MW: 14.9