

Product datasheet for **SC205364**

ATP5MPL (NM_001127393) 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 (PSI00062)
ACCN:	NM_001127393
Insert Size:	408 bp
Insert Sequence:	>SC205364 3'UTR clone of NM_001127393 The sequence shown below is from the reference sequence of NM_001127393. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC GCTTCAGCGCTGCTCCTGGTCATCACTAACAGATTTACTTGGAGTACATGTGAAAGAAAACGTCAGT CTGCCTGTAAATTCAGCAAGCCGTGTTAGATGGGGAGCGTGGAACGTCACGTACACTTGTATAAGTA CCGTTTACTTCATGGCATGAATAAATGGATCTGTGAGATGCACTGCTACCTGGTACTGCTTTCAGTGTG TTCCCCCTCAGCCCTCCGGCGTGTCAAGCATACTCTGAGTAGATAATTTGTCATGCAGCGCATGCAAT CAGAATCTCACTGAGCCACCCATCATTGTGAAATAATTACCTCAGTTGTACAGGACTTGGTGATCAGGA TCCAGGCACTCACTTGATTCTACTGCTCAATAAACGTTTATTAACCTTGATCCTGCTACTTA ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre>
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).



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:	<u>NM_001127393.2</u>
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