

Product datasheet for **SC207107**

ATPAF2 (NM_145691) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	ATPAF2
Synonyms:	ATP12; ATP12p; LP3663; MC5DN1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_145691
Insert Size:	558 bp
Insert Sequence:	<p>>SC207107 3'UTR clone of NM_145691 The sequence shown below is from the reference sequence of NM_145691. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC ACAGTCAAGCACAAGTCTCTGAAGGAGTAGGGCTGGGCAGAGCACACTCAGCAGGATAGAGGCAGTGC AGCCACAGCTCCCCCGGCTTCAGGGCTCCCCAGCCTGTGGGGCTGGCTTCCTTGGCTTTTGGGGACTC GGCCTCAGCGTCACCTGAGATTCCCCCGAGACACAGTGCCTAGTACGGCTGTCCGGAGGTGAGCCT GATTTCAACCCAGGTGCCCTGGCCTGGCCAGCAGTGAATGTAGGAGATGAATTGTGCAAGTGACTTTC TCTCGACTCTGATTTTATTAATATTTCTCACCTGGAAATGTGCTGAGCCCTGTTTTCACGTATGCC TCTGCACTTCTCATTCTTCTGTTTGTCTAGGTTCCAGAGGGTTAAACAGCTTATCTCCCATGGCGT GTTTGGATATCTGCTGCCTGTGGTCAGGAACCTTGCACTGGGGAACAATCATGTAATCCACAGACAAC TCTATTGTGTTCTCAGCCTCAGCCTGAAGGCTTTTTTTTGGCTGGCTTTTAATCAAACAATCTTTG AAACAA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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_145691.4</u>
Summary:	This gene encodes an assembly factor for the F(1) component of the mitochondrial ATP synthase. This protein binds specifically to the F1 alpha subunit and is thought to prevent this subunit from forming nonproductive homooligomers during enzyme assembly. This gene is located within the Smith-Magenis syndrome region on chromosome 17. An alternatively spliced transcript variant has been described, but its biological validity has not been determined. [provided by RefSeq, Jul 2008]
Locus ID:	91647
MW:	20