

## Product datasheet for **SC123785**

### ATPase Inhibitory Factor 1 (ATPIF1) (BC001867) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ATPase Inhibitory Factor 1 (ATPIF1) (BC001867) Human Untagged Clone
Tag:	Tag Free
Symbol:	ATPase Inhibitory Factor 1
Mammalian Cell Selection:	None
Vector:	<a href="#"><u>pCMV6-XL5</u></a>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for BC001867 edited  
 CTGCGGCTGGGCCTCAATGACCCGCTGCTCTTCGAGCTCACTGGCCGACGCTCTGGCATT  
 CCTGACAGAAACACCTTGAGCTTGATGGTACCCTCCAGCAGCAATGGCAGTGACGGCGTT  
 GGCGGCGCGGACGTGGCTTGCGCTGTGGGGCGTGAGGACCATGCAAGCCCGAGGCTTCGG  
 CTCGGATCAGTCCGAGAATGTCGACCGGGGCGGGGCTCCATCCGGGAAGCCGGTGGGGC  
 CTTCCGAAAGAGAGAGCAGGCTGAAGAGGAACGATATTTCCGGTGAGGCTCACCGGGTCC  
 CAAGTCCAGCCCTGGATCTCCCAATGGCCTTCCAATCCTTAAACTGCCAATCGCCCCACC  
 CGTTCCTACCTGGTGCCTTGGGGGCCCATCCCCAACAGAACTCCCGGGCCCAATCCA  
 GTATACCCTAACCTTGATGTCCCGACCGTTGCCACGTATAGGGCACTCCAGTTACCTG  
 CACAACAGTTTCAGGCCCCAAACCGTTTCCACCGCGGGTCTCCAAAACAACCCACGGC  
 TCAACTCCTCCTTATCATTACCATCTCCCGCGTGGAGTTCTCCTCAGGTCGTGCGAAAC  
 ACCCCCAGATTCTTCGCACAGTGTCTAGATCCGACCGCCCAACGTTTGCCTCCAGCCTG  
 ACTCCCTCGGCCCTTACCACCTGTACCCCTCTACGCTCTCCTTCTCGCCAGCACGC  
 CTTAGCTTTGCAAGCCTGCATGCATTAGGCTTCTCAGGTGTTTCTAGACCCCGACTCC  
 GCAAGAGTGAGGATGATGGGAGCTGGTCATGGGAGCTACTTATGGTTGGACACCATCTTC  
 TAAAGGCTTTTGCCTACTCAGCCCAACCTAGACCTGTAGATTTCCCTCTCTGTAGG  
 AGTATGGAGTGGGCTGGGCCTCCCTTGGCCAGCCTTGAGTTATCTTAACTGACTTCTGT  
 CCACTCTGGAGAGCAGTGAGGAATTAATCTTGCTTTTGGCTTGTCTTTGGCCTTCACTT  
 CTGCCTTCTGTTGAGAATTATCACCATGACACCTGCCATACCGTATAGAGAGCCAAGGTA  
 CAGCCGTTAGAGACTATCTAATTGAGCCCTACATTTTGTAGTTAAGGAAAACCTGAGGCC  
 TAAATGTGACCAAAACCAATTGTAATCCAGTCCCTTCTTGAACCTAAATTGAACTGCC  
 AAGTACTGCGCATGCAAGAGACCCTTTATTGGCCTTACAGTGGCCATTCAATTTCTATAG  
 GCAAAGAAAGCTCTAGACAGATTGGAATAGGAAATGGATATTTGCCTTTTGTAGTACACC  
 CTTTGTCTGTCTTCTCATTTTGTCTTTTTTTTTTCCCTAAAGGGGAGTCAAGTTCCCT  
 GGGTTGTTCCCTCATAAGGTATTAGGGACTTGTGTACATCTCTCTGGAGTTTTCTATT  
 TTAAGAGGAATCTGAAAGCAATAAGCTCTTTGGTCTTCTTAAGATGGCTACACCTCAAT  
 TTAAGATGGGGTATTCTTTCACTAGTTGAGGAGTGAAGAGGATGACCAGCTAGACTCCC  
 ATGGAATTGGAACCTATTCTTGTCTTAGACATTACAGGTTATGCTTTGAGATCTCTTT  
 GGGGTGAAGGATTGAAATTAACCCTGAGCCACCGTGTCTTGTAGAGCACAGAGTAGAG  
 AACAACTGGCAGCTTTGAAAAAACACCATGAAGAAGAAATCGTTCATCATAAGAAGGAGA  
 TTGAGCGTCTGCAGAAAGAAATTGAGCGCCATAAGCAGAAGATCAAATGCTAAAACATG  
 ATGATTAAGTGACACCCGTGTGCCATAGAATGGCACATGTCATTGCCACTTCTGTGTAG  
 ACATGGTCTGGTTAACTAATATTTGTCTGTGTGCTACTAACAGATTATAATAAATTGT  
 CATCAGTGAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC001867 unedited  
 GAGCCTGTATTGTATACGACTTATATAGGCGCCGCGNAATTCGCACGAGGCTGCGGCTG  
 GGCCTCAATGACCGCGTGTCTTCGAGCTCACTGGCCGACGCTCTGGCATTCTGACAGA  
 AACACCTTGAGCTTGATGGTACCCTCCAGCAGCAATGGCAGTGACGGCGTTGGCGGCGCG  
 GACGTGGCTTGGCGTGTGGGGCGTGAGGACCATGCAAGCCCGAGGCTTCGGCTCGGATCA  
 GTCGAGAAATGTCGACCGGGGCGCGGGCTCCATCCGGGAAGCCGGTGGGGCCTTCGGAAA  
 GAGAGAGCAGGCTGAAGAGGAACGATATTTCCGGTGAGGCTCACCGGGTCCCAAGTCCAG  
 CCCTGGATCTCCCAATGGCCTTCCAATCCTTAAACTGCCAATCGCCCCACCGTTCTCTAC  
 CTGGTGCCTTGGGCGCCCATCCCCAACAGAACTCCCGGGCCCAATCCAGTATACCCT  
 AACCTTGATGTCCCGACCGTTGCCACGTATAGGGCACTCCAGTTACCTGCACAACAGT  
 TTCAGGCCCCAAACCGTTTCCACCGCGGGTCTCCAAAACAACCCACGGCTCAACTCCT  
 CCTTTATCATTACCATCTCCCGCGTGGAGTTCTCCTCAGGTCGTGCGAAACACCCCGAGA  
 TTCTTCGCACAGTGTCTAGATCCGACCGCCCAAGTTTGCCTCCAGCCTGACTCCCTCG  
 GCCCTTACCCACCTGTACCCNCTCTACGCTCTCCTTNTCGCCAGCACGCCCTTATCTTT  
 GCAAGCCTGCATGCATTAGGCTTNCTCAGTGTCTTAGACCCCGACTCCGCAGAGTG  
 GAGATGATGGGAGCTGGTCATGGGAGCTACTTNATGGTGGNACCCCATCTNCTAAAGCT  
 TTTGCCCTACTCAGCCAAA

<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC001867
<b>Insert Size:</b>	1948 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC001867.1</a>
<b>RefSeq Size:</b>	1948 bp
<b>Locus ID:</b>	93974
<b>Cytogenetics:</b>	1p35.3
<b>Gene Summary:</b>	This gene encodes a mitochondrial ATPase inhibitor. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]