

## Product datasheet for **SC207767**

### **ATE1 (NM\_007041) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	ATE1 (NM_007041) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ATE1
ACCN:	NM_007041
Insert Size:	2000 bp



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**Insert Sequence:** >SC207767 3'UTR clone of NM\_007041  
 The sequence shown below is from the reference sequence of NM\_007041. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCGAGCGGATGCTGCTGTTTCAGAAACTGACCTGTTACCTCTGCCGGAAAGTTCCTGTGTTGTGCTGA
TGATTTGTGCCAGGATACATATTCACTGCTGGGGAAATAACTGTCACCCACCCACAAATTAGACATT
TTTTATTTGACTATCTATGGCTTTTAAAAAATATTTTGTGGCAATGTATCTGTGAGAATCTCATAGTT
AATATAAAGATTTTAAAAGTGCATTATGACCTAGCCCCATAATTGGGATTTATCATTGGAGGATTC
TTTCTAGAGCAAGATACGCTCAAATTCCTGTTTGTATTTTGTAAAATGAAGAAGTGAATCTAAGTAA
CTTAATCACAGTTGTGCATTTTTTTGGTTCTGTTAGAGAAATAAAACAGACTGTTTCCCTCAGGCCCA
TTTTAACTGAACCTATGCTAGGAAACCTAAGTATGGGGAAGGTAGAAAGTTCATTTCACTTAGA
AAATATGCTTCTCAAGAACAAAAGTGTGCTGTTACAACCTCAGTGTCAATGTGAAATTGCTGCCAAT
GTTATGTAGTTTAAATAGAGAACTTGAAAAAATAAAACATTAATAATGGAGCTTGTGTTAGCATCAGGTAT
CCATTTGTTTCAGGACAGTCTGTTTCATGCTGTTGCTTGGCATAGTTTTTCCCCTAGAATATAGTAC
TCCCTTTTACTCTAAAAATATCCCAGTTTGGACAATAAAATACATAATTACTCTAGTTATATTTTGG
CTTTACTTCTAAAAATGTAAGAAATTGAATTTTTTAAAGAAAAATGTTGGTTCCTGCCTTGATCTAAG
TCTCATCCAAAGGAAATAAATAGTCACTAGTTTTTATCTTACAACCTCAGGACATTTGTCTTTGGTTAT
TAATGGAAATTAGTATGTGATTACTTTTCATAGTTATGCCACAAATCACATTGAAGAAGGAATCATTCCG
ACCTCTGTTCCAGGACAAGAGCTAGAACAAATCCATTTCTGTCTTTGATTTGAGAGTACAGTACAGGG
TGCTTTCTGCCACCCTTAGTAACTCAGAGCAGAGGCCAGCCCCCTCCTTCCCTCACTTTCTTTTGTGTA
GTCTTTTGGCCACCTGTCAAGGTGGCAGGCACTGTGCTGGGTACAGGAGGACAGTACAGCATGTCCCTT
CTTAGCTATAGTCGAGCTGTCTGGGAAACAGGATGAAAAACAGGAGGTTATTTTCTGTGCCCTCTTT
GTCAGCTGATCCCTCTTCTGCTACCAGCTATTTGGCCAGCAAGCCGTTTTTAGTCCCCTTTGCCCCA
TTTTTCTGTTTTGGTTCATCGTTTTCTTAAAGCCATGTTATAAAACATGGTAGTTTGAATCCTGTTGCT
AATTTTAACTTTCTCTAAAATGTAAGTGAATTTTACAAAAATTTGAAAAATCCTCAGCTAACTAGA
ATAAAAAGGATCATAAAACAATGATTTTAAAAGTAAATCTCTAGAACTCAACATCCAAGTACAGCCGC
ATTTCTTCATTAGAGTGTGTGTGCACACCTGCCAAGGTGCTGCGTACTCTGCTAACCGAGCTAGAGT
AGTGAGCAAAGCCATTTCTCTGATCACAAGATTTTACATTTTCTGGGATTTTACCTGCAAAGTAGT
CTCGTAAGAGCATTTGAGAGACTTACTTGGAACTGCCTTCAGAATCTATAGAGCCTTTTTTCTTTTT
CCTCTAAAATGAAAAGAGCTTCATTTTATGATTATAACAAAAGTGAACACTGTAAGCAGTTAGAACATTA
AGAAGTATAAATAAAAGTAAAAATCATCTACAACCTACCATACTCAGAAGGAGAAAAGAACTGTCAT
GTATGTATACACACATACCTATGTAATTTAATAAATAGAAATATGTTCTACATGCTGTTTTATTTTC
CTCAACAGTAAATATGGACATGCTGAAATGTGAAATAAATTTCAAATAAGGCTTCAGAAAAGTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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.

**RefSeq:** [NM\\_007041.4](#)

**Summary:** This gene encodes an arginyltransferase, an enzyme that is involved in posttranslational conjugation of arginine to N-terminal aspartate or glutamate residues. Conjugation of arginine to the N-terminal aspartate or glutamate targets proteins for ubiquitin-dependent degradation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]

**Locus ID:** 11101

**MW:** 77.2