

## Product datasheet for **RC238643**

### **ATE1 (NM\_001288736) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ATE1 (NM_001288736) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ATE1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC238643 representing NM\_001288736  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGTCGGTGGTGAATACAAGGCGCTCAGGGCCGGCTACCACTGCGGCTACTGCGATTCCAAGGAGG  
 GCAAAGCGTCCTGCGGCATGTGGGCACATTCCATGACAGTACAGGATTATCAGGATCTCATAGACCGAGG  
 ATGGCGAAGAAGTGAAAATATGTGTACAAACCTGTCATGAATCAAACATGTTGTCCTCAGTACACAATA  
 AGGTGCCGACCTTTACAATTTACGCTTCAAATCTCACAAGAAGGTTTTGAAAAAATGTTGAAATTTT  
 TAGCTAAAGGGGAGGTTCCCAAAGGAAGTTGTGAGGATGAGCCCATGGATTCCACAATGGATGATGCTGT  
 TGCGGGTGACTTTGCATTGATAAATAAACTGGATATACAGTGTGATCTTAAACACTCAGTGATGACATC  
 AAAGAGAGTTAGAGAGTGAAGGAAAAATCAAAGAAAGAAGAACCTCAGGAATTACTTCAGTCACAAG  
 ATTTTCGAGGAGAGAAGTTGGGCTCTGGTGAACCGTCACATTAGTTAAAGTTCACACAGTTCCTAAGCC  
 AGGCAAAGGGGCTGATTTGAGTAAAGCTCCATGTCGAAAAGCAAAGGAAATCCGGAAAGAAAGGAAAGG  
 TTAATACTAATGCAGCAGAACCCAGCTGGAGAACTTGAGGGTTTCCAGGCTCAAGGTCACCCACCATCTT  
 TGTTCCACCAAAGGCTAAATCCAACAGCCAAAATCACTCGAAGATTAATTTTTGAGTCTTTACCAGA  
 GAATGCATCACACAAGTTAGAGGTGAGGTTAGTACCTGTCTCCTTTGAGGACCCAGAGTTCAAGTCGTCT  
 TTCAGCCAGTCTTTTCTTTGTATGTCAAGTATCAAGTGGCCATACACCAGGATCCACCCGATGAATGTG  
 GGAAGACTGAGTTCACAAGATTCCTTTGCGATTCACCCTTGAGGCGAGAGACTCCCCCTAATGGGCCAGA  
 TTGTGGCTATGGCTCCTTACCAGCAGTACTGGCTTGACGAAAGATCATTGCTGTGGGGTGATTGAC  
 ATCCTCCAAACTGTGTATCATCTGTGTATTTGACTACGATCCTGATTATTCGTTTTGTCTTTGGCGG  
 TCTACTGCACTACGAGAAATGCTTTTACTAGGCAGTTCATGAGAAAATCTCACTCACTATTA  
 TTATATGGGTTTCTACATTCATTCATGTCCTCAAGATGAAATATAAGGGTCAAGTATAGACCTTCTGATTTG  
 CTGTGCCCTGAGACATATGTTTGGGTACCCATTGAGCAATGCCTGCCTCACTTGAAAACTCCAAGTACT  
 GCCGTTTCAACCAGGACCCAGAAGCAGTGGATGAGGATCGCAGTACGGAACCTGACCGATTGACAGGTGT  
 TCACAAGAGGCCATCATGCCTTACGGTGTATAAAGAAACAGCAGAAAGACCCAAGTGAAGGAGGCTGCT  
 GTTCTGCAGTACGCCAGCCTGGTGGGCAGAAGTCTCCGAGCGGATGCTGCTGTTCAGAAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC238643 representing NM\_001288736  
 Red=Cloning site Green=Tags(s)

MASVVEYKGLRAGYHCGYCDKSKGKASCGMWAHSMTVQDYQDLIDRGWRRSGKYVYKPMNQTCPPQYTI  
 RCRPLQFQPSKSHKKVLKMLKFLAKGEVPGKSCDEPMDSTMDDAVAGDFALINKLDIQCDLKTLSDDI  
 KESLESEGKNSKKEEPQELLQSQDFVGEKLGSGEPSHSVKVHTVPKPGKADLSKPPCRKAKEIRKERKR  
 LKLMQQNPAGELEGFQAQGHPPSLFPPKAKSNQPKSLEDLIFESLPENASHKLEVRVLPVVSFEDPEFKSS  
 FSQSFSLYVKYQVAIHQDPPDECGKTEFTRFLCSSLAEETPPNGPDCGYGSFHQQYWLKGKIIAVGVID  
 ILPNCVSSVYLYYDPDYSFLSLGVYSALREIAFTRQLHEKTSQLSYYYMGFYIHSCKPMKYKQYRPSDL  
 LCPETYVWVPIEQCLPSLENSKYCRFNQDPEAVDEDRSTEPDRLQVFKRAIMPYGVYKQKQKDPSEEA  
 VLQYASLVGQKCSERMLLFRN

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

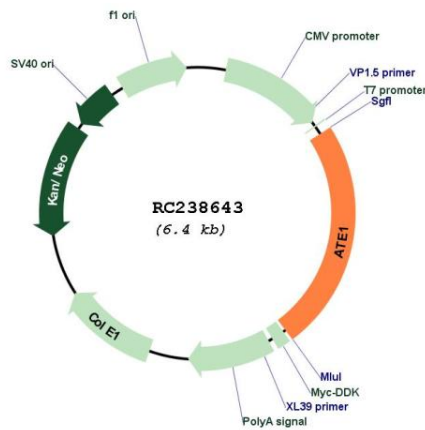
Sgfl-Mlul



**MW:** 58.6 kDa

**Gene 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]

**Product images:**



Circular map for RC238643