

Recombinant Full Length Human ATE1 Protein, GST-tagged

Cat. No. ATE1-1162HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATE1 full-length ORF (BAG35887.1, 1 a.a. - 482 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	482 amino acids
Description	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]
Molecular Mass	79.42 kDa
AA Sequence	MWAHSMTVQD YQDLIDRGWR RSGKYVYKPV MNQTCCPQYT IRCRPLQFQP SKSHKKVLKK MLKFLAKGEV PKGSCDEPM DSTMGDAVAG DFALINKLDI QCDLKTLSDD IKESLESEGK NSKKEEPQEL LQSQDFVGEK LGSGEP SHSV KVHTVPKPGK GADLSKPPCR KAKEIRKERK RLKLMQQNPA GELEGFQAQG HPPSLFPPKA KSNQPKSLED LIFESLPENA SHKLEVRLVP VSFEDPEFKS SFSQSFSLYV KYQVAIHQDP PDECCKTEFT RFLCSSPLEA ETTPNGPDCG YGSFHQQYWL DGKIIAVGVI DILPNCVSSV YLYYDPDYSF LSLGVYSALR EIAFTRQLHE KTSQLSYYM GFYIHSCP KM KYKGQYRPSD LLCPETYVWV

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PIEQCLPSLE NSKYCRFNQD PEAVDEDRST EPDRLQVFHK RAIMPYGVYK
KQQKDPSEEA AVLQYASLVG QKCSERMLLF RN

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ATE1 arginyltransferase 1 \[Homo sapiens \]](#)

Official Symbol

[ATE1](#)

Synonyms

ATE1; arginyltransferase 1; arginyl-tRNA--protein transferase 1; R-transferase 1;
arginyl-tRNA-protein transferase; arginine-tRNA--protein transferase 1; MGC26724

Gene ID

[11101](#)

mRNA Refseq

[NM_001001976](#)

Protein Refseq

[NP_001001976](#)

MIM

[607103](#)

UniProt ID

[O95260](#)

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