

Recombinant Human ATE1 protein, GST-tagged

Cat. No. ATE1-935H **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	Wheat Germ
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	MWAHSMTVQDYQDLIDRGWRRSGKYVYKPVMNQTCPPQYTIRCRPLQFQPSKSH KKVLKKMLKFLAKGEVPGKSCDEPMDSTMGDAVAGDFALINKLDIQCDLKTLSDDI KESLESEGKNSKKEEPQELLQSQDFVGEKLGSGEPSSVSVKVTVPKPGKGADLSKP PCRKAKEIRKERKRLKLMQQNPAGELEGFQAQGHPPSLFPPKAASNQPKSLEDLIFE SLPENASHKLEVRLVPVSFEDPEFKSSFSQSFSLYVKYQVAIHQDPPDECCKTEFTR FLCSSLAEATPPNGPDCGYGSFHQQYWLDGKIIAVGVIDILPNCVSSVYLYYDPDY SFLSLGVYSALREIAFTRQLHEKTSQLSYYYMGFYIHSCPKMKYKGQYRPSDLLCPE TYVWVPIEQCLPSLENSKYCRFNQDPEAVDEDRSTEPDRLQVFHKRAIMPYGVYKK QQKDPSEEAVALQYASLVGQKCSERMLLFRN

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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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