

Recombinant Human ATE1, GST-tagged

Cat. No. ATE1-9959H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human ATE1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength C-term-300a.a.

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 two transcript variants encoding distinct isoforms.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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

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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
Chromosome Location	10q26
Function	arginyltransferase activity; arginyltransferase activity; transferase activity; transferase activity, transferring acyl groups;

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