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℃. 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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