

Recombinant Human ATE1, His-tagged

Cat. No. ATE1-3631H Lot. No. (See product label)

SPECIFICATION

Product Overview	Arginyl-tRNA--protein transferase 1 (ATE1)
Species	Human
Source	E.Coli/Yeast
ProteinLength	518
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.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of ATE1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

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Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
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
Chromosome Location	10q26
Function	arginyltransferase activity; arginyltransferase activity; transferase activity; transferase activity, transferring acyl groups;

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