

Recombinant Human ATE1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATE1-6383H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATE1 MS Standard C13 and N15-labeled recombinant protein (NP_008972) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	59 kDa
AA Sequence	MAFWAGGSPSVVDYFPSEDFYRCGYCKNESGSRNMGMAHSMVQDYQDLIDRG WRRSGKYVYKPVMNQTCCPQYTIRCRPLQFQPSKSHKKVLKMLKFLAKGEVPKG SCEDEPMDSTMDDAVAGDFALINKLDIQCDLKTLSDDIKESLESEGKNSKKEEPQEL LQSQDFVGEKLGSGEP SHSVKVHTVPKPGKGADLSKPPCRKAKEIRKERKRLKLMQ QNPAGELEGFQAQGHPPSLFPPKA KSNQPKSLEDLIFESLPENASHKLEVRLVPVSF EDPEFKSSFSQSFSLYVKYQVAIHQDPPDECGKTEFTRFLCSSPLEAETPPNGPDC GYGSFHQQYWLDGKIIAVGVIDILPNCVSSVYLYYDPDYSFSLSLGVYSALREIAFTRQ LHEKTSQLSYYYMGFYIHSCPKMKYKGQYRPSDLLCPETYVWVPIEQCLPSLENSKY

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	CRFNQDPEAVDEDRSTEPDRLQVFHKRAIMPYGVYKKQKDPSEEEAAVLQYASLV GQKCSERMLLFRNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ATE1 arginyltransferase 1 [Homo sapiens (human)]
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_007041
Protein Refseq	NP_008972
MIM	607103

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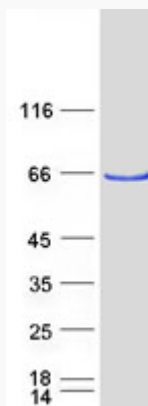
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UniProt ID

O95260

SDS-PAGE

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