Recombinant Human Arginyl-tRNA--protein transferase 1 (ATE1)

Product Code	CSB-YP002268HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95260
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAFWAGGSPS VVDYFPSEDF YRCGYCKNES GSRSNGMWAH SMTVQDYQDL IDRGWRRSGK YVYKPVMNQT CCPQYTIRCR PLQFQPSKSH KKVLKKMLKF LAKGEVPKGS CEDEPMDSTM DDAVAGDFAL INKLDIQCDL KTLSDDIKES LESEGKNSKK EEPQELLQSQ DFVGEKLGSG EPSHSVKVHT VPKPGKGADL SKPPCRKAKE IRKERKRLKL MQQNPAGELE GFQAQGHPPS LFPPKAKSNQ PKSLEDLIFE SLPENASHKL EVRVVRSSPP SSQFKATLLE SYQVYKRYQM VIHKNPPDTP TESQFTRFLC SSPLEAETPP NGPDCGYGSF HQQYWLDGKI IAVGVIDILP NCVSSVYLYY DPDYSFLSLG VYSALREIAF TRQLHEKTSQ LSYYYMGFYI HSCPKMKYKG QYRPSDLLCP ETYVWVPIEQ CLPSLENSKY CRFNQDPEAV DEDRSTEPDR LQVFHKRAIM PYGVYKKQQK DPSEEAAVLQ YASLVGQKCS ERMLLFRN
Source	Yeast
Target Names	ATE1
Protein Names	Recommended name: Arginyl-tRNA--protein transferase 1 Short name= Arginyltransferase 1 Short name= R-transferase 1 EC= 2.3.2.8 Alternative name(s): Arginine-tRNA--protein transferase 1
Expression Region	1-518
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.