

Full-Length

ATE1 (Human) Recombinant Protein (P01)

Catalog # H00011101-P01

Size 50 ug

Specification

Product Description	Human ATE1 full-length ORF (NP_008972.2, 1 a.a. - 518 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAFWAGGSPSVVDYFPSEDFYRCGYCKNESGSRNMGWVAHSMTVQDYQDLIDRGWRRSGKYV YKPVMNQTCCPQYTIRCRPLQFQPSKSHKKVLKKMLKFLAKGEVPGKSCDEPMDSTMDDAVA GDFALINKLDIQCDLKTLSDDIKESLESEGKNSKKEEPQELLQSQDFVGEKLGSGEP SHSVKVHT VPKPGKGADLSKPPCRKAKEIRKERKRLKLMQQNPAGELEGFQAQGHPPSLFPPKA KSNQPKS LEDLIFESLPENASHKLEVRLVPVSFEDPEFKSSFSQSFSLYVKYQVAIHQDPPDEC GKTEFTRFL CSSPLEAETPPNGPDCGYGSFHQQYWLDGKIIVGVIDILPNCVSSVLYYDPDYSFLSLGVYSAL REIAFTRQLHEKTSQLSYYMGFYIHSCPKMKYKGQYRPSDLLCPETYVWVPIEQCLPSLENSKYC RFNQDPEAVDEDRSTEPDRLQVFHKRAIMPYGVYKKQQKDPSEEA AVLQYASLVGQKCSERML LFRN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	83.38
Interspecies Antigen Sequence	Mouse (80); Rat (77)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ATE1

Entrez GeneID [11101](#)

GeneBank Accession# [NM_007041.2](#)

Protein Accession# [NP_008972.2](#)

Gene Name ATE1

Gene Alias MGC26724

Gene Description arginyltransferase 1

Omim ID [607103](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000020637|OTTHUMP00000058665|R-transferase 1|arginine-tRNA--protein transferase 1|arginyl-tRNA-protein transferase

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)