

## Product datasheet for **TP305461M**

### ATE1 (NM\_007041) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human arginyltransferase 1 (ATE1), transcript variant 2, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC205461 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAFWAGGSPSVVDYFPSEDFYRCGYCKNESGSRNSNGMWAHSMTVQDYQDLIDRGWRRSGKYVYKPVMNQT CCPQYTIRCRPLQFQPSKSHKKVLKMKMLKFLAKGEVPGKSCDEPMDSTMDDAVAGDFALINKLDIQCDL KTLSDDIKESLESEGKNSKKEEPQELLQSQDFVGEKLGSGEPSSVVKVHTVPKPGKADLSKPPCRKAKE IRKERKRLKLMQQNPAGELEGFQAQGHPPSLFPPKAASNQPKSLEDLIFESLPENASHKLEVRLVPVSFE DPEFKSSFSQSFSLYVKYQVAIHQDPPDECCKTEFTRFLCSSPLEAETPPNGPDCGYGSFHHQYWLGDGKI IAVGVIDILPNCVSSVYLYDPDYSFSLGLGVYSALREIAFRQLHEKTSQLSYYYMGFYIHSCPMMKYKG QYRPSDLLCPETYVWVPIEQCLPSLENSKYCRFNQDPEAVDEDRSTEPDRLQVFHKRAIMPYGVYKQKQK DPSEEAALVQYASLVGQKCSERMILLFRN  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	58.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_008972](#)

Locus ID: 11101

UniProt ID: [O95260](#), [B3KWA3](#)

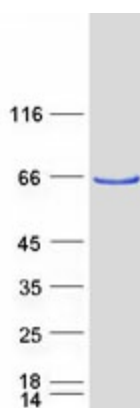
RefSeq Size: 4930

Cytogenetics: 10q26.13

RefSeq ORF: 1554

**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 multiple transcript variants. [provided by RefSeq, Dec 2013]

### Product images:



Coomassie blue staining of purified ATE1 protein (Cat# [TP305461]). The protein was produced from HEK293T cells transfected with ATE1 cDNA clone (Cat# [RC205461]) using MegaTran 2.0 (Cat# [TT210002]).