

Product datasheet for TP305461

ATE1 (NM_007041) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human arginyltransferase 1 (ATE1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205461 protein sequence Red=Cloning site Green=Tags(s)
	MAFWAGGSPSVVDYFPSEDFYRCGYCKNESGSRNSNGMWAHSMTVQDYQDLIDRGWRRSGKYVYKPVMNQT CCPQYTIRCRPLQFQPSKSHKKVLKMKMLKFLAKGEVPGKSCDEPMDSTMDDAVAGDFALINKLDIQCDL KTLSDDIKESLESEGKNSKKEEPQELLQSQDFVGEKLGSGEP SHSVKVHTVPKPGKADLSKPPCRKAKE IRKERKRLKLMQQNPAGELEGFQAQGHPPSLFPPKA KSNQPKSLEDLIFESLPENASHKLEVRLVPVSFE DPEFKSSFSQSFSLYVKYQVAIHQDPPDECCKTEFTRFLCSSPLEAETPPNGPDCGYGSFHHQYWL DGI IAVGVIDILPNCVSSVYLYDPDYSFSLG VYSALREIAFRQLHEKTSQLSYYYMGFYIHSCPKMKYKG QYRPSDLLCPETYVWVPIEQCLPSLENSKYCRFNQDPEAVDEDRSTEPDRLQVFHKRAIMPYGVYKQKQK DPSEEAALVQYASLVGQKCSERM LFRN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	58.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	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](#)

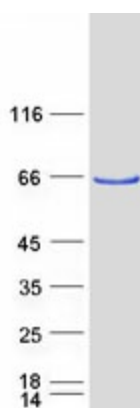
RefSeq Size: 4930

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]).