

Datasheet for ABIN7556414
ATE1 Protein (AA 1-516) (His tag)



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Overview

Quantity:	1 mg
Target:	ATE1
Protein Characteristics:	AA 1-516
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATE1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ate1 Protein expressed in mammalian cells.
Sequence:	MASWSAPSPS LVEYFEGQTS FQCGYCKNKL GSRSYGMWAH SMTVQDYQDL IDRGWRRSGK YVYKPVMDQT CCPQYTIRCH PLQFQPSKSH KKVLLKMLKF LAKGEISKGN CEDEPMDSTV EDAVDGFAL INKLDIKCDL KTLSDLKCSI ESEEKEKEKS IKKEGSKEFI HPQSIEEKLK SGEPSPHIKV HIGPKPGKGA DLSKPPCRKA REMRKERQRL KRMQQASAAA SEAQQQPVCL LPKAKSNQPK SLEDLIFQSL PENASHKLEV RVVRSSPPSP QFRATFQESY QVYKRYQMVV HKDPPDKPTV SQFTRFLCSS PLEAEHPADG PECGYGSFHQ QYWLDDGKIIA VGVLDILPYC VSSVLYYDP DYSFSLGVY SALREIAFTR QLHEKTSQLS YYMGMFYIHS CPKMRYKGQY RPSDLLCPET YVWVPIEQCL PSLDNSKYCR FNQDPEAEDE GRSKELDRLR VFHRRSAMPY GVYKNHQEDP SEEAGVLEYA NLVGQKCSER MLLFRH Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Product Details

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ATE1

Alternative Name: Ate1 ([ATE1 Products](#))

Background: Arginyl-tRNA--protein transferase 1 (Arginyltransferase 1) (R-transferase 1) (EC 2.3.2.8) (Arginine-tRNA--protein transferase 1),FUNCTION: Involved in the post-translational conjugation of arginine to the N-terminal aspartate or glutamate of a protein. This arginylation is required for degradation of the protein via the ubiquitin pathway. Does not arginylate cysteine residues. {ECO:0000269|PubMed:9858543}.

Molecular Weight: 59.1 kDa

UniProt: [Q9Z2A5](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
