

ATG4A Protein, Human (His)

Cat. No.:	HY-P7618
Synonyms:	rHuATG4A, His; Cysteine Protease ATG4A; AUT-Like 2 Cysteine Endopeptidase; ATG4A; APG4A; AUTL2
Species:	Human
Source:	E. coli
Accession:	Q8WYN0-1 (M1-V398)
Gene ID:	115201
Molecular Weight:	40-55 kDa

PROPERTIES

AA Sequence	<p>M E S V L S K Y E D Q I T I F T D Y L E E Y P D T D E L V W I L G K Q H L L K T</p> <p>E K S K L L S D I S A R L W F T Y R R K F S P I G G T G P S S D A G W G C M L R</p> <p>C G Q M M L A Q A L I C R H L G R D W S W E K Q K E Q P K E Y Q R I L Q C F L D</p> <p>R K D C C Y S I H Q M A Q M G V G E G K S I G E W F G P N T V A Q V L K K L A L</p> <p>F D E W N S L A V Y V S M D N T V V I E D I K K M C R V L P L S A D T A G D R P</p> <p>P D S L T A S N Q S K G T S A Y C S A W K P L L L I V P L R L G I N Q I N P V Y</p> <p>V D A F K E C F K M P Q S L G A L G G K P N N A Y Y F I G F L G D E L I F L D P</p> <p>H T T Q T F V D T E E N G T V N D Q T F H C L Q S P Q R M N I L N L D P S V A L</p> <p>G F F C K E E K D F D N W C S L V Q K E I L K E N L R M F E L V Q K H P S H W P</p> <p>P F V P P A K P E V T T T G A E F I D S T E Q L E E F D L E E D F E I L S V</p>
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution
Formulation	Supplied as a 0.2 µm filter solution of PBS, pH 7.4 or 50 mM Tris-HCL, 300 mM NaCl, 200 mM arginine, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	Human Atg4A/autophagin 2 also cleaves the C-terminus of GATE-16 ^[1] .
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REFERENCES

[1]. Isei Tanida, et al. Atg8L/Apg8L is the fourth mammalian modifier of mammalian Atg8 conjugation mediated by human Atg4B, Atg7 and Atg3. FEBS J. 2006 Jun;273(11):2553-62.

Caution: Product has not been fully validated for medical applications. For research use only.

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