

# Autophagy-related protein 8A (ATG8A), Recombinant Protein

Cat RP12664

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg

(Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Oryza sativa subsp. indica (Rice Cell))

## Full Product Name

Recombinant Oryza sativa subsp. indica Autophagy-related protein 8A (ATG8A)

## Product Gene Name

ATG8A recombinant protein

## Product Synonym Gene Name

ATG8A

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

MARTSFKLEH PLERRQAESA RIREKYS DRI PVIVEKADKT DVPEIDKKKY LVPADLTVGQ FVYVVRKRIK  
LSPEKAIFVF VKNTLPPTAS LMSAIYEENK DEDGFLYMTY SGENTFG

## Sequence Positions

1-117, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

13,664 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

Autophagy-related protein

## NCBI Accession #

Q2XPP5.1

## NCBI GI #

122210889

## NCBI Official Full Name

Autophagy-related protein 8A

## UniProt Gene Name

ATG8A

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cat RP12664

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg  
(Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg

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(Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Cell)  
UniProt Synonym Gene Names  
APG8; APG8A; Protein autophagy 8

## UniProt Protein Name

Autophagy-related protein 8A

## UniProt Synonym Protein Names

Autophagy-related ubiquitin-like modifier ATG8A; Protein autophagy 8; OsAtg8

## UniProt Primary Accession #

Q2XPP5

## UniProt Comments

Ubiquitin-like modifier involved in cytoplasm to vacuole transport (Cvt) vesicles and autophagosomes formation. May mediate the delivery of the vesicles and autophagosomes to the vacuole via the microtubule cytoskeleton .

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