

# Autophagy-related protein 8b (ATG8B), Recombinant Protein

**Cat** RP05167

**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

**Species** (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Autophagy-related protein 8b (ATG8B)

## Product Gene Name

ATG8B recombinant protein

## Product Synonym Gene Name

ATG8B

## Purity

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

## Sequence

MEKNSFKLSN PLEMRMAEST RIRAKYPERV PVIVEKAGQS DVPDIDKKKY LVPADLTIGQ FVYVVRKRIK  
LGAEKAIFF VKNTLPPPTAA LMSAIYEEHK 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

13,880 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 #

NP\_001329707.1

## NCBI GI #

1063720985

## NCBI GenBank Nucleotide #

NM\_001340494.1

## NCBI GenID

825794

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Autophagy-related protein 8b (ATG8B), Recombinant Protein

Cat RP05167

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

**NCBI Official Full Name**  
(Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
Ubiquitin-like superfamily protein

## NCBI Official Symbol

ATG8B

## NCBI Official Synonym Symbols

autophagy 8b; F4H6.14; F4H6\_14

## NCBI Protein Information

Ubiquitin-like superfamily protein

## UniProt Gene Name

ATG8B

## UniProt Synonym Gene Names

APG8B; AtAPG8B; Protein autophagy 8b

## UniProt Protein Name

Autophagy-related protein 8b

## UniProt Synonym Protein Names

Autophagy-related ubiquitin-like modifier ATG8B; AtAPG8B; Protein autophagy 8b

## UniProt Primary Accession #

Q9XEB5

## UniProt Related Accession #

Q9XEB5

## UniProt Comments

Ubiquitin-like modifier involved in autophagosomes formation. May mediate the delivery of the autophagosomes to the vacuole via the microtubule cytoskeleton.

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