

# Autophagy-related protein 8d (ATG8D), Recombinant Protein

Cat RP05282

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-Cell)  
Species Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Autophagy-related protein 8d (ATG8D)

## Product Gene Name

ATG8D recombinant protein

## Product Synonym Gene Name

ATG8D

## Purity

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

## Sequence

MAISSFKHEH PLEKRQAEAA RIREKYPDRI PVIVERAEKS DVPDIDRKKY LVPADLTVGQ FVYVVRKRIK  
LSPEKAIFIF VKNILPPTAA IMSAIYEEHK DEDGFLYMSY 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

13,907 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\_178631.1

## NCBI GI #

15224577

## NCBI GenBank Nucleotide #

NM\_126586.4

## NCBI GeneID

815112

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat      *RP05282*

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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)  
**NCBI Official Full Name**  
Ubiquitin-like superfamily protein

## NCBI Official Symbol

ATG8D

## NCBI Official Synonym Symbols

T20G20.2; T20G20\_2

## NCBI Protein Information

Ubiquitin-like superfamily protein

## NCBI Summary

in the Arabidopsis autophagy pathway

## UniProt Gene Name

ATG8D

## UniProt Synonym Gene Names

APG8D; AtAPG8d; Protein autophagy 8d

## UniProt Protein Name

Autophagy-related protein 8d

## UniProt Synonym Protein Names

Autophagy-related ubiquitin-like modifier ATG8d; AtAPG8d; Protein autophagy 8d

## UniProt Primary Accession #

Q9SL04

## UniProt Secondary Accession #

Q8LBA9

## UniProt Related Accession #

Q9SL04

## 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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