

Autophagy-related protein 8g (ATG8G), Recombinant Protein

Cat RP05128

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 8g (ATG8G)

Product Gene Name

ATG8G recombinant protein

Product Synonym Gene Name

ATG8G

Purity

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

Sequence

MSNVSRQDH DFEKRKAEAL RIREKYSDRV PVIVEKSEKS DIPNIDKKY LVPADLTVGQ FVYVIRKRIQ
LSAEKAIFIF VDNVLPPPTGA MMSTIYDENK EEDGFLYVTY 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

13,937 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_191623.1

NCBI GI

15232387

NCBI GenBank Nucleotide

NM_115928.5

NCBI GenID

825235

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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

ATG8G

NCBI Official Synonym Symbols

AUTOPHAGY 8G

NCBI Protein Information

Ubiquitin-like superfamily protein

UniProt Gene Name

ATG8G

UniProt Synonym Gene Names

APG8G; AtAPG8g; Protein autophagy 8g

UniProt Protein Name

Autophagy-related protein 8g

UniProt Synonym Protein Names

Autophagy-related ubiquitin-like modifier ATG8g; AtAPG8g; Protein autophagy 8g

UniProt Primary Accession

Q9LZZ9

UniProt Related Accession

Q9LZZ9

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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