

Autophagy-related protein 8D (ATG8D), Recombinant Protein

Cat RP12802

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)
Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica 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

MKPRPFKEEF TLEERAKESA AMIASYPDRI PVIVEKFSRS NLPEMEKRKY LVPCNMPVGQ FIFILRSRLH
LSPGTALFVF VNNTLPQTAQ LMGSVYESYK DEGDGFLYLC YSSEKTFG

Sequence Positions

1-118, 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

13,570 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

XP_015617729.1

NCBI GI

1002308673

NCBI GenBank Nucleotide

XM_015762243.1

NCBI GeneID

4349525

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

(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
autophagy-related protein 8D isoform X2

NCBI Official Symbol

LOC4349525

NCBI Official Synonym Symbols

APG8D; ATG8D

NCBI Protein Information

autophagy-related protein 8D; uncharacterized protein LOC4349525

UniProt Gene Name

ATG8D

UniProt Synonym Gene Names

APG8D

UniProt Protein Name

Autophagy-related protein 8D

UniProt Synonym Protein Names

Autophagy-related ubiquitin-like modifier ATG8D

UniProt Primary Accession

Q2RBS4

UniProt Secondary Accession

Q0IVB0

UniProt Related Accession

Q2RBS4

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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