Autophagy-Related Protein 17 (ATG17) Yarrowia Lipolytica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Autophagy-related protein 17 (ATG17), Recombinant Protein
Full Product Name	Recombinant Yarrowia lipolytica Autophagy-related protein 17 (ATG17)
Product Gene Name	ATG17 recombinant protein
Product Synonym Gene Name	ATG17
Sequence	MEQLFREAQD ALAAAGPLCQ ESQDVLARAR QNLEVAVHLG IRTQFLAKAH AHQWTLASKF YSNALTRTKK SLETVTRQQT RFQAARGALE EALGELAATP VQLRVNNGAH NLREFVDEDL ISAQVQGKGW NEVHEEALNV FRVLLPEIQR HGDIVNRSKK EFEREKAEQT ELLIHQTSDS GIYDLLNSAE ACSEDMANLL QSLARHYDLC ERGQDLSTGA IEAEDVNELG ELRAVLENDA QQLPDVLDEL QERLDEVKQG CQGVHNHMTQ MYHSYSLEVR QLEGIQAVEK TMDATLEICE TQQRDTKEYL LKVQRYVSET SAVVTHYQTF LNSYKALLHE AERRNAAEAK MKDYVTEVNA KLAQMSIQET NRRQDFVAQQ GDYLPADIWD ELLLPSRRFE ARELDGEL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	46,433 Da
Sequence Positions	1-408, Full length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q6C0L6
Species	Yarrowia lipolytica (strain CLIB 122 / E 150) (Yeast) (Candida lipolytica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ATG17 recombinant protein	MBS1337829 is a recombinant protein targeting ATG17. Also known as Recombinant Yarrowia lipolytica Autophagy-related protein 17 (ATG17). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ATG17 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ATG17. It may not necessarily be applicable to this product.

NCBI GI #	50556776
NCBI GeneID	2908761
NCBI Accession #	XP_505796.1
UniProt Primary Accession #	Q6C0L6

UniProt Related Accession #	Q6C0L6
GenBank Nucleotide #	XM_505796.1
NCBI Official Full Name	YALI0F23639p
NCBI Official Symbol	YALI0_F23639g
UniProt Protein Name	Autophagy-related protein 17
Protein Family	Autophagy-related protein
UniProt Gene Name	ATG17
NCBI Protein Information	YALI0F23639p
UniProt Comments for ATG17	Autophagy-specific protein that functions in response to autophagy-inducing signals as a scaffold to recruit other ATG proteins to organize pre-autophagosomal structure (PAS) formation. Modulates the timing and magnitude of the autophagy response, such as the size of the sequestering vesicles. Plays particularly a role in pexophagy and nucleophagy ().
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