Autophagy-Related Protein 2 (ATG2) Candida Albicans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Autophagy-related protein 2 (ATG2), Recombinant Protein
Full Product Name	Recombinant Candida albicans Autophagy-related protein 2 (ATG2), partial
Product Gene Name	ATG2 recombinant protein
Product Synonym Gene Name	ATG2
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	207,364 Da
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 Q59X11
Species	Candida albicans (strain SC5314 / MYA-2876) (Yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ATG2 recombinant protein	MBS1338822 is a recombinant protein targeting ATG2. Also known as Recombinant Candida albicans Autophagy-related protein 2 (ATG2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ATG2 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 ATG2. It may not necessarily be applicable to this product.

NCBI GI #	1111955017
NCBI GeneID	3644072
NCBI Accession #	XP_714289.2
UniProt Primary Accession #	Q59X11
UniProt Secondary Accession #	A0A1D8PHI8
UniProt Related Accession #	Q59X11
GenBank Nucleotide #	XM_709196.2
NCBI Official Full Name	Spo72p
NCBI Official Symbol	SPO72

UniProt Protein Name	Autophagy-related protein 2
Protein Family	Autophagy-related protein
UniProt Gene Name	SPO72
UniProt Synonym Gene Names	ATG2
NCBI Protein Information	Spo72p
UniProt Comments for ATG2	Required for cytoplasm to vacuole transport (Cvt) vesicles and autophagosomes completion and peroxisome degradation.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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