Autophagy-Related Protein 11 (ATG11), Partial (ATG11) Scheffersomyces Stipitis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Autophagy-related protein 11 (ATG11), partial, Recombinant Protein
Full Product Name	Recombinant Scheffersomyces stipitis Autophagy-related protein 11 (ATG11), partial
Product Gene Name	ATG11 recombinant protein
Product Synonym Gene Name	ATG11; PICST_86449
Product Synonym Names	Autophagy-related protein 11
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	133,410 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 A3GG92
Species	Scheffersomyces stipitis (strain 58785 / CBS 6054 / NBRC 10063 / NRRL Y-11545) (Yeast) (Pichia stipitis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ATG11 recombinant protein	MBS1237748 is a recombinant protein targeting ATG11. Also known as Recombinant Scheffersomyces stipitis Autophagy-related protein 11 (ATG11), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ATG11 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 ATG11. It may not necessarily be applicable to this product.

NCBI GI #	150951576
NCBI GeneID	4851291
NCBI Accession #	XP_001387917.2
UniProt Primary Accession #	A3GG92
UniProt Related Accession #	A3GG92
GenBank Nucleotide #	XM_001387880.1
NCBI Official Full Name	oligomeric, coiled-coil, peripheral membrane protein

NCBI Official Symbol	CVT9
UniProt Protein Name	Autophagy-related protein 11
Protein Family	Autophagy-related protein
UniProt Gene Name	ATG11
UniProt Entry Name	ATG11_PICST
NCBI Protein Information	oligomeric, coiled-coil, peripheral membrane protein
UniProt Comments for ATG11	Involved in cytoplasm to vacuole transport (Cvt), pexophagy, mitophagy and nucleophagy. Recruits mitochondria for their selective degradation via autophagy (mitophagy) during starvation. Works as scaffold proteins that recruit ATG proteins to the pre-autophagosome (PAS), the site of vesicle/autophagosome formation. Required for the Cvt vesicles completion ().
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