Ribosome Biogenesis Protein YTM1 (YTM1) Ashbya Gossypii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosome biogenesis protein YTM1 (YTM1), Recombinant Protein
Full Product Name	Recombinant Ashbya gossypii Ribosome biogenesis protein YTM1 (YTM1)
Product Gene Name	YTM1 recombinant protein
Product Synonym Gene Name	YTM1; AER337W
Product Synonym Names	Ribosome biogenesis protein YTM1
Sequence	MVEDKSQVKV KFFTREQDES LHVLDAPLFA PVSLKRYGLS EIINHLLGLA EPVPFDFLID GQLLRCSLQD YLTRKGLSSE AVLNVEYTRA VLPPSYLKSF SNEDWVSALD VGAERIVSGS YDGVVRTWNL SGKIEKQYSG HTGAVRAVKF ISSTRLVSGG NDRTLRLWKT KNDDVKHVDE LEGTEEAHTL AILEGHQAPV VSVDVQGDRI LSASYDNSIG FWSTNHKDMT AVDPMDSLGD KASSAAKKRR KLTMKDGSVR RRAPLSLLES HKAPVEQVIF ASNDSTVAYS VSQDHTIKTW DLVTSRCVDT KSTSYSLLSM VELPKLRLLA CGSSARHITL HDPRADSSAK ITQQQLLGHK NFVVALDTCP ENEYMLCSAS HDGTVKVWDI RSSSSIYTIT REDQSVEKGI NDKVFAVKWA KGVGIISGGQ DKKIQFNKGD NIFKN
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	49,278 Da
Sequence Positions	1-445aa; full length protein
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 Q756D0
Species	Ashbya gossypii (strain 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (Eremothecium gossypii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for YTM1 recombinant protein	MBS1484802 is a recombinant protein targeting YTM1. Also known as Recombinant Ashbya gossypii Ribosome biogenesis protein YTM1 (YTM1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of YTM1 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 YTM1. It may not necessarily be applicable to this product.

NCBI GI #	302308311
NCBI GeneID	4621407
NCBI Accession #	NP_985193.2

UniProt Primary Accession #	Q756D0
UniProt Related Accession #	Q756D0
GenBank Nucleotide #	NM_210547.2
NCBI Official Full Name	AER337Wp
NCBI Official Symbol	AGOS_AER337W
UniProt Protein Name	Ribosome biogenesis protein YTM1
Protein Family	Ribosome biogenesis protein
UniProt Gene Name	YTM1
UniProt Synonym Gene Names	AER337W
UniProt Entry Name	YTM1_ASHGO
NCBI Protein Information	AER337Wp
UniProt Comments for YTM1	Component of the NOP7 complex, which is required for maturation of the 25S and 5.8S ribosomal RNAs and formation of the 60S ribosome.
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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