Translation Machinery-Associated Protein 17 (TMA17) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Translation machinery-associated protein 17 (TMA17), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Translation machinery-associated protein 17 (TMA17)
Product Gene Name	TMA17 recombinant protein
Product Synonym Gene Name	TMA17
Sequence	MCSAGGIRRP IQIEEFKTAI SGMSDMELAQ IKTEIENSIN HLQRSNARLG KYIAKLEGAD DRLEADDSDD LENIDSGDLA LYKDSVRENE IVLNNYNERV DALEQETVYR KTGHGKSKHE VEAKDNTNKG PDVDMDNSNV DVVTPNSIFI
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	16,771 Da
Sequence Positions	1-150, 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 Q12513
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TMA17 recombinant protein	MBS1348154 is a recombinant protein targeting TMA17. Also known as Recombinant Saccharomyces cerevisiae Translation machinery-associated protein 17 (TMA17). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TMA17 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 TMA17. It may not necessarily be applicable to this product.

NCBI GI #	6320093
NCBI GeneID	851448
NCBI Accession #	NP_010173.1
UniProt Primary Accession #	Q12513
UniProt Secondary Accession #	D6VRP0

UniProt Related Accession #	Q12513
GenBank Nucleotide #	NM_001180169.1
NCBI Official Full Name	Tma17p
NCBI Official Symbol	TMA17
NCBI Official Synonym Symbols	ADC17
UniProt Protein Name	Translation machinery-associated protein 17
UniProt Synonym Protein Names	ATPase-dedicated chaperone of 17 kDa; ADC17
Protein Family	Translation machinery-associated protein
UniProt Gene Name	TMA17
UniProt Synonym Gene Names	ADC17
NCBI Protein Information	Tma17p
UniProt Comments for TMA17	ATPase-dedicated chaperone that assists the formation of the RPT6-RPT3 ATPase pair, an early step in proteasome assembly. Plays a key role in maintaining homeostatic proteasome levels and adjusting proteasome assembly when demands increase, such as during proteasome stresses. Function overlaps with RPN14.
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