U3 Small Nucleolar RNA-Associated Protein 8 (UTP8) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	U3 small nucleolar RNA-associated protein 8 (UTP8), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae U3 small nucleolar RNA-associated protein 8 (UTP8) , partial
Product Gene Name	UTP8 recombinant protein
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	80,191 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 P53276
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UTP8 recombinant protein	MBS1218191 is a recombinant protein targeting UTP8. Also known as Recombinant Saccharomyces cerevisiae U3 small nucleolar RNA-associated protein 8 (UTP8) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of UTP8 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 UTP8. It may not necessarily be applicable to this product.

NCBI GI #	398365801
NCBI GeneID	853029
NCBI Accession #	NP_011644.3
UniProt Primary Accession #	P53276
UniProt Secondary Accession #	D6VUR0
UniProt Related Accession #	P53276
GenBank Nucleotide #	NM_001181257.3
NCBI Official Full Name	Utp8p
NCBI Official Symbol	UTP8

UniProt Protein Name	U3 small nucleolar RNA-associated protein 8
UniProt Synonym Protein Names	U three protein 8; U3 protein 8 required for transcription; t-UTP8
Protein Family	U3 small nucleolar RNA-associated protein
UniProt Gene Name	UTP8
UniProt Synonym Gene Names	U3 snoRNA-associated protein 8
NCBI Protein Information	Utp8p
UniProt Comments for UTP8	Involved in nucleolar processing of pre-18S ribosomal RNA. Also has a role in nuclear tRNA export. It acts between the steps of tRNA maturation/aminoacylation and its subsequent translocation out of the nucleus. Required for optimal pre-ribosomal RNA transcription by RNA polymerase I together with a subset of U3 proteins required for transcription (t-UTPs).
Research Articles on UTP8	**1.** Utp22p recruits Utp8p to aminoacyl-tRNA synthetases in the nucleolus to collect aminoacyl-tRNA and then accompanies the Utp8p-tRNA complex to deliver the aminoacyl-tRNAs to Los1p
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