Ribosomal RNA-Processing Protein 12 (RRP12) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal RNA-processing protein 12 (RRP12), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Ribosomal RNA-processing protein 12 (RRP12) , partial
Product Gene Name	RRP12 recombinant protein
Product Synonym Gene Name	RRP12
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	137,509 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 Q12754
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RRP12 recombinant protein	MBS1470637 is a recombinant protein targeting RRP12. Also known as Recombinant Saccharomyces cerevisiae Ribosomal RNA-processing protein 12 (RRP12) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RRP12 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 RRP12. It may not necessarily be applicable to this product.

NCBI GI #	6325245
NCBI GeneID	856095
NCBI Accession #	NP_015313.1
UniProt Primary Accession #	Q12754
UniProt Secondary Accession #	Q7LH12; D6W400
UniProt Related Accession #	Q12754
GenBank Nucleotide #	NM_001183826.1
NCBI Official Full Name	mRNA-binding protein RRP12

NCBI Official Symbol	RRP12
UniProt Protein Name	Ribosomal RNA-processing protein 12
Protein Family	Putative ribosomal RNA-processing protein
UniProt Gene Name	RRP12
NCBI Protein Information	mRNA-binding protein RRP12
UniProt Comments for RRP12	In association with GSP1, required for nuclear export of both pre-40S and pre-60S ribosomal subunits. Required for the late maturation of the 18S and 5.8S rRNA of the pre-40S ribosomes and for maturation of the 25S and 5.8S rRNA of the pre-60S ribosomes.
Research Articles on RRP12	**1.** The exportin Crm1 is also required for the same pre-ribosome maturation events that involve Rrp12. Thus, in addition to their implication in nuclear export, Rrp12 and Crm1 participate in earlier biosynthetic steps that take place in the nucleolus.
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