Ribonuclease P Protein Component 1 (rnp1) Methanothermobacter Thermautotrophicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease P protein component 1 (rnp1), Recombinant Protein
Full Product Name	Recombinant Methanothermobacter thermautotrophicus Ribonuclease P protein component 1 (rnp1)
Product Gene Name	rnp1 recombinant protein
Product Synonym Gene Name	rnp1; MTH_11
Product Synonym Names	Ribonuclease P protein component 1; RNase P component 1; EC=3.1.26.5
Sequence	MITPRNIFRH ELIGLSVRIA RSVHRDIQGI SGRVVDETRN TLRIEMDDGR EITVPKGIAV FHFRTPQGEL VEIDGRALVA RPEERIKKKF RKP
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	10,740 Da
Sequence Positions	1-93aa; 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 O26119
Species	Methanothermobacter thermautotrophicus (strain 29096 / DSM 1053 / JCM 10044 / NBRC 100330 / Delta H) (Methanobacterium thermoautotrophicum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rnp1 recombinant protein	MBS1241403 is a recombinant protein targeting rnp1. Also known as Recombinant Methanothermobacter thermautotrophicus Ribonuclease P protein component 1 (rnp1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rnp1 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 rnp1. It may not necessarily be applicable to this product.

NCBI GI #	15678042
NCBI GeneID	1469973
NCBI Accession #	NP_275156.1

UniProt Primary Accession #	O26119
UniProt Related Accession #	O26119
GenBank Nucleotide #	NC_000916.1
NCBI Official Full Name	hypothetical protein MTH11
NCBI Official Symbol	MTH11
UniProt Protein Name	Ribonuclease P protein component 1
UniProt Synonym Protein Names	Rpp29
Protein Family	Heterogeneous nuclear ribonucleoprotein
UniProt Gene Name	rnp1
UniProt Synonym Gene Names	RNase P component 1
UniProt Entry Name	RNP1_METTH
NCBI Protein Information	hypothetical protein
UniProt Comments for rnp1	Part of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends.
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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