Ribonuclease P Protein Subunit P40 (RPP40) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease P protein subunit p40 (Rpp40), Recombinant Protein
Full Product Name	Recombinant Rat Ribonuclease P protein subunit p40 (Rpp40)
Product Gene Name	Rpp40 recombinant protein
Product Synonym Gene Name	Rpp40
Sequence	MATLRRLQEA PRHLLVCEKS NFGHDKSRHK HLVETHYHNY RVSFLIPECG LLSKKLKDLV MEMGPYYSVK KLPLHELITH EFINTFVKKG SLSALTYNTS IDEDNTVALL PNGKLILSLD KDTYEETGLQ GHPSRYSGRK SMRFIISIDL MDLSLNLDSK KYRRISWSFK EKKPLKFDFL LAWHHTGTEE STMMSYFSKY QIREHQPKVA LSTVRDLQCP VLQSSSLAGE PEEACNALEF FDWLGAVFCN ADLNNEPHNF ISTYCCPQPN TVAAQACLCT ITGFVLPEKI LVLLEQLCHY FDEPKLAPWV TLTVQGFADS PVAWREKEHG FHKGGEHLYN FVVFNNQDYW LQMAVGANDD CPP
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	34,563 Da
Sequence Positions	1-363, 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 Q5BK64
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Rpp40 recombinant protein	MBS1326422 is a recombinant protein targeting Rpp40. Also known as Recombinant Rat Ribonuclease P protein subunit p40 (Rpp40). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Rpp40 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 Rpp40. It may not necessarily be applicable to this product.

NCBI GI #	61556813
NCBI GeneID	291071
NCBI Accession #	NP_001013073.1
UniProt Primary Accession #	Q5BK64

UniProt Related Accession #	Q5BK64
GenBank Nucleotide #	NM_001013055.1
NCBI Official Full Name	ribonuclease P protein subunit p40
NCBI Official Synonym Full Names	ribonuclease P/MRP subunit p40
NCBI Official Symbol	Rpp40
UniProt Protein Name	Ribonuclease P protein subunit p40
Protein Family	Ribonuclease P protein
UniProt Gene Name	Rpp40
UniProt Synonym Gene Names	RNaseP protein p40
NCBI Protein Information	ribonuclease P protein subunit p40
UniProt Comments for Rpp40	Component 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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