50s Ribosomal Protein L3P (rpl3p) Pyrobaculum Aerophilum Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L3P (rpl3p), Recombinant Protein
Full Product Name	Recombinant Pyrobaculum aerophilum 50S ribosomal protein L3P (rpl3p)
Product Gene Name	rpl3p recombinant protein
Product Synonym Gene Name	rpl3p
Sequence	MGLKINRPRR GSMGVYPRKR AADIVPRVRT WPEVNLGKPA LLGFAAYKAG MLHAVVVDDR PTSPLYGKEV VKAVTVLDAP PLYVWGFRLY TLDPTNGYKR AVAEVWASEL PKFLHRVLTL PEKLDVDKQL KKVEEFRDVA VDVRALVATQ PHLSGIGKKT PELLEIPIGG VPSVDERINF AISLLGKTVS PKDVFTPGQL VDVIAVTKGK GYQGVIKRFG VTILPRWHKH RKGHRRTGTI GPQAPAVMFT QPRPGQMGFH QRTEYNKRLL KIGENGAEIT PKSGFPHYGV VKGPYILIQG SVPGARKRLV VLRHPVRPPR KAPPAAEPQV VWVSSQTL
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	37,418 Da
Sequence Positions	1-338, 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 Q8ZW52
Species	Pyrobaculum aerophilum (strain 51768 / IM2 / DSM 7523 / JCM 9630 / NBRC 100827)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpl3p recombinant protein	MBS1336294 is a recombinant protein targeting rpl3p. Also known as Recombinant Pyrobaculum aerophilum 50S ribosomal protein L3P (rpl3p). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpl3p 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 rpl3p. It may not necessarily be applicable to this product.

NCBI GI #	42559672
NCBI Accession #	Q8ZW52.1
UniProt Primary Accession #	Q8ZW52
NCBI Official Full Name	50S ribosomal protein L3
UniProt Protein Name	50S ribosomal protein L3

UniProt Gene Name	rpl3
UniProt Comments for rpl3p	One of the primary rRNA binding proteins, it binds directly near the 3'-end of the 23S rRNA, where it nucleates assembly of the 50S subunit.
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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