50s Ribosomal Protein L30e (rpl30e) Methanocaldococcus Jannaschii Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L30e (rpl30e), Recombinant Protein
Full Product Name	Recombinant Methanocaldococcus jannaschii 50S ribosomal protein L30e (rpl30e)
Product Gene Name	rpl30e recombinant protein
Product Synonym Gene Name	rpl30e; MJ1044
Product Synonym Names	50S ribosomal protein L30e
Sequence	MRRRENMDVN KAIRTAVDTG KVILGSKRTI KFVKHGEGKL VVLAGNIPKD LEEDVKYYAK LSNIPVYQHK ITSLELGAVC GKPFPVAALL VLDEGLSNIM ELVEKKEGGE
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	12,134 Da
Sequence Positions	1-110aa; 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 P54061
Species	Methanocaldococcus jannaschii (strain 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpl30e recombinant protein	MBS1237892 is a recombinant protein targeting rpl30e. Also known as Recombinant Methanocaldococcus jannaschii 50S ribosomal protein L30e (rpl30e). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpl30e 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 rpl30e. It may not necessarily be applicable to this product.

NCBI GI #	15669233
NCBI GeneID	1451941
NCBI Accession #	NP_248038.1
UniProt Primary Accession #	P54061

UniProt Related Accession #	P54061
GenBank Nucleotide #	NC_000909.1
NCBI Official Full Name	50S ribosomal protein L30e
NCBI Official Symbol	MJ_1044
UniProt Protein Name	50S ribosomal protein L30e
Protein Family	50S ribosomal protein
UniProt Gene Name	rpl30e
UniProt Entry Name	RL30E_METJA
NCBI Protein Information	50S ribosomal protein L30e
Research Articles on rpl30e	**1.** Preliminary calculations of structure of ribosomal protein L30e reveal that the asymmetric unit contains two monomers with a Matthews coefficient (V(M)) of 2.16 A(3) Da(-1)
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