50s Ribosomal Protein L25 (rplY) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L25 (rplY), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus 50S ribosomal protein L25 (rplY)
Product Gene Name	rplY recombinant protein
Product Synonym Gene Name	rplY
Sequence	MASLKSIIRQ GKQTRSDLKQ LRKSGKVPAV VYGYGTKNVS VKVDEVEFIK VIREVGRNGV IELGVGSKTI KVMVADYQFD PLKNQITHID FLAINMSEER TVEVPVQLVG EAVGAKEGGV VEQPLFNLEV TATPDNIPEA IEVDITELNI NDSLTVADVK VTGDFKIEND SAESVVTVVA PTEEPTEEEI EAMEGEQQTE EPEVVGESKE DEEKTEE
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	23,788 Da
Sequence Positions	1-217, 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 Q99WA2
Species	Staphylococcus aureus (strain Mu50 / 700699)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplY recombinant protein	MBS1373177 is a recombinant protein targeting rplY. Also known as Recombinant Staphylococcus aureus 50S ribosomal protein L25 (rplY). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplY 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 rplY. It may not necessarily be applicable to this product.

NCBI GI #	446079795
NCBI Accession #	WP_000157650.1
UniProt Primary Accession #	Q99WA2
GenBank Nucleotide #	WP_000157650.1
NCBI Official Full Name	MULTISPECIES: 50S ribosomal protein L25

UniProt Protein Name	50S ribosomal protein L25
UniProt Synonym Protein Names	General stress protein CTC
Protein Family	50S ribosomal protein
UniProt Gene Name	rplY
UniProt Comments for rplY	This is one of the proteins that binds to the 5S RNA in the ribosome where it forms part of the central protuberance.
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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