



Recombinant Escherichia coli Ribosomal RNA large subunit methyltransferase L (rImL)

Product Code	CSB-EP305128ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P75864
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	MNSLFASTAR GLEELLKTEL ENLGAVECQV VQGGVHFKGD TRLVYQSLMW SRLASRIMLP LGECKVYSDL DLYLGVQAIN WTEMFNPGAT FAVHFSGLND TIRNSQYGAM KVKDAIVDAF TRKNLPRPNV DRDAPDIRVN VWLHKETASI ALDLSGDGLH LRGYRDRAGI APIKETLAAA IVMRSGWQPG TPLLDPMC GS GTL LIEAAML ATDRAPGLHR GRWGFSGWAQ HDEAIWQEVK AEAQTRARKG LAEYSSHFYG SDS DARVIQR ARTNARLAGI GELITFEVKD VAQLTNPLPK GPYGTVLSNP PYGERLDSEP ALIALHSLLG RIMKNQFGGW NLSLFSASPD LLSCLQLRAD KQYKAKNGPL DCVQKNYHVA ESTPDSKPAM VAEDYTNRLR KNLKKFEKWA RQEGIECYRL YDADLPEYNV AVDRYADWVV VQEYAPPKTI DAHKARQRLF DIIAATISVL GIAPNKLVLK TRERQKGKNQ YQKLGEKGEF LEVTEYNAHL WVNLT DYLDL TGLFDHRIAR RMLGQMSK GK DFLNLF SYTG SATVHAGLGG ARSTTTVDMS RTYLEWAERN LRLNGLTGRA HRLIQADCLA WLREANEQFD LIFIDPPTFS NSKRMEDAFD VQRDHLALMK DLKRLLRAGG TIMFSNNKRG FRMDLDGLAK LGLKAQEITQ KTLSQDFARN RQIHNCWLIT AA
Source	E.coli
Target Names	rImL
Protein Names	Recommended name: Ribosomal RNA large subunit methyltransferase L EC= 2.1.1.173 Alternative name(s): 23S rRNA m2G2445 methyltransferase rRNA (guanine-N(2)-)-methyltransferase RImL
Expression Region	1-702
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.