

50S ribosomal protein L31 Recombinant Protein | L31 recombinant protein

Recombinant E Coli 50S ribosomal protein L31

CATALOG #
AAA81635

HOST
E Coli

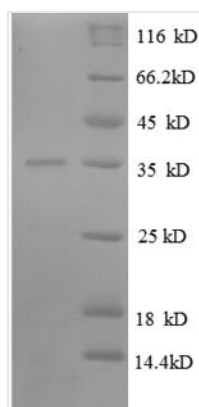
PRODUCT SYNONYMS

50S ribosomal protein L31; Recombinant E Coli 50S ribosomal protein L31; L31 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	1-70aa; Full Length
Sequence	MKKDIHPKYE EITASCSCGN VMKIRSTVGH DLNLDVCSKC HPFFTGKQRD VATGGRVDRF NKRFNIPGSK
Sequence Length	70
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for L31
recombinant protein

Binds the 23S rRNA.

References	Analysis of the Escherichia coli genome. III. DNA sequence of the region from 87.2 to 89.2 minutes.Plunkett G. III, Burland V., Daniels D.L., Blattner F.R.Nucleic Acids Res. 21:3391-3398(1993) The complete genome sequence of Escherichia coli K-12.Blattner F.R., Plunkett G. III, Bloch C.A., Perna N.T., Burland V., Riley M., Collado-Vides J., Glasner J.D., Rode C.K., Mayhew G.F., Gregor J., Davis N.W., Kirkpatrick H.A., Goeden M.A., Rose D.J., Mau B., Shao Y.Science 277:1453-1462(1997) Highly accurate genome sequences of Escherichia coli K-12 strains MG1655 and W3110.Hayashi K., Morooka N., Yamamoto Y., Fujita K., Isono K., Choi S., Ohtsubo E., Baba T., Wanner B.L., Mori H., Horiuchi T.Mol. Syst. Biol. 2:E1-E5(2006) Primary structure of Escherichia coli ribosomal protein L31.Brosius J.Biochemistry 17:501-508(1978) Small genes/gene-products in Escherichia coli K-12.Wasinger V.C., Humphery-Smith I.FEMS Microbiol. Lett. 169:375-382(1998) Characterization of Escherichia coli 50S ribosomal protein L31.Eistetter A.J., Butler P.D., Traut R.R., Fanning T.G.FEMS Microbiol. Lett. 180:345-349(1999) Observation of Escherichia coli ribosomal proteins and their posttranslational modifications by mass spectrometry.Arnold R.J., Reilly J.P.Anal. Biochem. 269:105-112(1999) Lysine acetylation is a highly abundant and evolutionarily conserved modification in Escherichia coli.Zhang J., Sprung R., Pei J., Tan X., Kim S., Zhu H., Liu C.F., Grishin N.V., Zhao Y.Mol. Cell. Proteomics 8:215-225(2009) Characterization of Zn(II) -responsive ribosomal proteins YkgM and L31 in E. coli.Hensley M.P., Gunasekera T.S., Easton J.A., Sigdel T.K., Sugarbaker S.A., Klingbeil L., Breece R.M., Tierney D.L., Crowder M.W.J. Inorg. Biochem. 111:164-172(2012) Structures of the bacterial ribosome at 3.5 Å resolution.Schuwirth B.S., Borovinskaya M.A., Hau C.W., Zhang W., Vila-Sanjurjo A., Holton J.M., Cate J.H.D.Science 310:827-834(2005)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16131774
NCBI GeneID	948425
NCBI Accession #	NP_418371.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0A7M9 ; P02432 ; Q2M8N2
Molecular Weight	34.9 kDa
NCBI Official Full Name	50S ribosomal subunit protein L31
NCBI Official Symbol	rpmE
NCBI Official Synonym Symbols	ECK3928; JW3907
NCBI Protein Information	50S ribosomal subunit protein L31
UniProt Protein Name	50S ribosomal protein L31
UniProt Gene Name	rpmE
UniProt Entry Name	RL31_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rpme-recombinant-protein-e-coli/81635>