

Recombinant Escherichia coli RPLI Protein (50S) (1-144 aa), GST-tagged

Cat. No. RPLI-1236E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) RPLI Protein (50S) (1-144 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Partial.
Species	E.coli
Source	E.coli
ProteinLength	1-144 aa
Description	One of the primary rRNA binding proteins, it binds very close to the 3' end of the 23S rRNA.
Form	Tris-based buffer,50% glycerol
Molecular Mass	42.3 kDa
AA Sequence	QVILLDKVANLGS LGDQVNVKAGYARNFLVPQGKAVPATKKNIEFFEARRAELEAKL AEVLAAANARA EKINALETVTIASKAGDEGKLFGSIGTRDIADAVTAAGVEVAKSEVR LPNGVLR TTGEHEVSFQVHSEVFAKVIV
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [rplI 50S ribosomal subunit protein L9 \[Escherichia coli str. K-12 substr. MG1655 \]](#)

Official Symbol [RPLI](#)

Synonyms ECK4199;

Gene ID [948720](#)

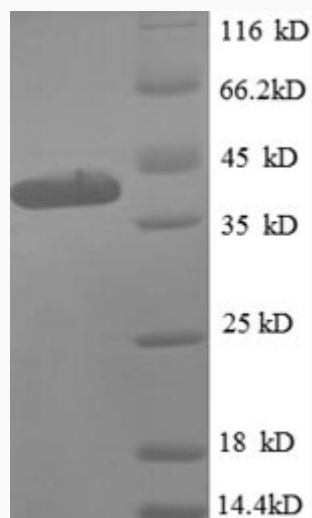
Protein Refseq [NP_418624](#)

UniProt ID [P0A7R1](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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