

Recombinant Escherichia coli RPSR Protein (30S) (2-75 aa), GST-tagged

Cat. No. RPSR-1231E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) RPSR Protein (30S) (2-75 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	E.coli
Source	E.coli
ProteinLength	2-75 aa
Description	Binds as a heterodimer with protein S6 to the central domain of the 16S rRNA, where it helps stabilize the platform of the 30S subunit.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	35.9 kDa
AA Sequence	ARYFRRRKFCRFTAEGVQEIDYKDIATLKNYITESGKIVPSRITGTRAKYQRQLARAIK RARYLSLLPYTDRHQ
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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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 [rpsR 30S ribosomal subunit protein S18 \[Escherichia coli str. K-12 substr. MG1655 \]](#)

Official Symbol [RPSR](#)

Synonyms ECK4198;

Gene ID [948721](#)

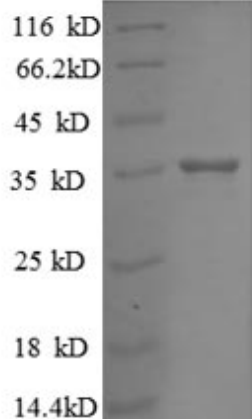
Protein Refseq [NP_418623](#)

UniProt ID [P0A7T7](#)

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

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