

Recombinant Escherichia coli RPSK Protein (30S) (2-129 aa), His-tagged

Cat. No. RPSK-1234E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) RPSK Protein (30S) (2-129 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	E.coli
Source	E.coli
ProteinLength	2-129 aa
Description	Located on the platform of the 30S subunit, it bridges several disparate RNA helices of the 16S rRNA. Forms part of the Shine-Dalgarno cleft in the 70S ribosome.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	17.7 kDa
AA Sequence	AKAPIRARKVRVKQVSDGVAHIHASFNNITVITITDRQGNALGWATAGGSGFRGSRK STPFAAQVAAERCADAVKEYGIKNLEVMVKGPGPGRRESTIRALNAAGFRITNITDVTP IPHNGCRPPKKRRV
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 [rpsK 30S ribosomal subunit protein S11 \[Escherichia coli str. K-12 substr. MG1655 \]](#)

Official Symbol [RPSK](#)

Synonyms ECK3284;

Gene ID [947792](#)

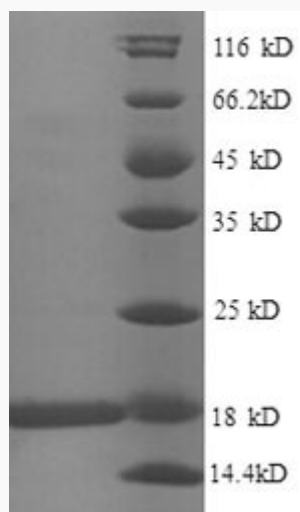
Protein Refseq [NP_417756](#)

UniProt ID [P0A7R9](#)

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

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