

Recombinant Escherichia coli RPSM Protein (30S) (2-118 aa), GST-tagged

Cat. No. RPSM-1233E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) RPSM Protein (30S) (2-118 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	2-118 aa
Description	Located at the top of the head of the 30S subunit, it contacts several helices of the 16S rRNA.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	40.0 kDa
AA Sequence	ARIAGINIPDHKHAVIALTSIYGVGKTRSKAILAAAGIAEDVKISELSEGQIDTLRDEVAK FVVEGDLRREISMSIKRLMDLGCYRGLRHRRGLPVRGQRTKTNARTRKGPRKPIKK
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.

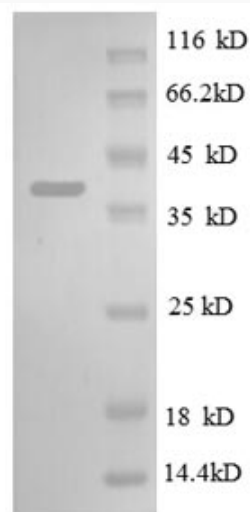
GENE INFORMATION

Gene Name	rpsM 30S ribosomal subunit protein S13 [Escherichia coli str. K-12 substr. MG1655]
Official Symbol	RPSM
Synonyms	ECK3285;
Gene ID	947791
Protein Refseq	NP_417757
UniProt ID	P0A7S9

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

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