

## Recombinant E.coli 30S ribosomal protein S18

Catalog No: #AP72029



Package Size: #AP72029-1 20ug #AP72029-2 100ug #AP72029-3 1mg

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## Description

Product Name	Recombinant E.coli 30S ribosomal protein S18
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-75aaSequence Info:Full Length
Accession No.	P0A7T7
Uniprot	P0A7T7
GeneID	948721;9735149;
Calculated MW	35.9 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	ARYFRRRKFCRFTAEGVQEIDYKDIATLKNYITESGKIVPSRITGTRAKYQRQLARAIAKRARYLSLLPYTDRHQ
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.</p>

## Background

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.

## References

Study of the structural dynamics of the E. coli 70S ribosome using real-space refinement.Gao H., Sengupta J., Valle M., Korostelev A., Eswar N., Stagg S.M., Van Roey P., Agrawal R.K., Harvey S.C., Sali A., Chapman M.S., Frank J.Cell 113:789-801(2003)Research Topic:Others

Note: This product is for in vitro research use only