

Recombinant E.coli 30S ribosomal protein S8

Catalog No: #AP72021



Package Size: #AP72021-1 20ug #AP72021-2 100ug #AP72021-3 1mg

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Description

Product Name	Recombinant E.coli 30S ribosomal protein S8
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-130aaSequence Info:Full Length
Accession No.	P0A7W7
Uniprot	P0A7W7
GeneID	947802;
Calculated MW	18 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SMQDPIADMLTRIRNGQAANKAAVTMPSSKLVKVAIANVLKEEGFIEDFKVEGDTKPELELTLKYFQGKAVVESI QRVSRPGLRIYKRKDELPKVMAGLGIADVSTSKGVMTDRAARQAGLGGEIICYVA
Formulation	Tris-based buffer50% glycerol
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°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.

Background

One of the primary rRNA binding proteins, it binds directly to 16S rRNA central domain where it helps coordinate assbly of the platform of the 30S subunit.Protein S8 is a translational repressor protein, it controls the translation of the spc operon by binding to its mRNA.

References

Structures of the bacterial ribosome at 3.5 A resolution.Schuwirth B.S., Borovinskaya M.A., Hau C.W., Zhang W., Vila-Sanjurjo A., Holton J.M., Cate J.H.D.Science 310:827-834(2005)Research Topic:Others

Note: This product is for in vitro research use only