

Recombinant Escherichia coli 30S ribosomal protein S3(rpsC)

Catalog No: #AP72025

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP72025-1 20ug #AP72025-2 100ug #AP72025-3 1mg

Description

Product Name	Recombinant Escherichia coli 30S ribosomal protein S3(rpsC)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-233aaSequence Info:Full Length
Accession No.	P0A7V3
Uniprot	P0A7V3
GeneID	35808224;947814;
Calculated MW	57kDa
Tag Info	N-terminal 6xHis-GST-tagged
Target Sequence	GQKVHPNGIRLGIVKPWNSTWFANTKEFADNLDSDFKVRQYLTKELAKASVSRIVIERPAKSIRVTIHTARPGIVI GKKGEDVEKLRKVVADIAGVPAQINIAEVRKPELDAKLVADSITSQLERRVMFRRAMKRAVQNAMRLGAKGIK VEVSGRLGGAEIARTEWYREGRVPLHLRADIDYNTSEAHTTYGVIGVKVWIFKGEILGGMAAVEQPEKPAAQ PKKQQRKGRK
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

Binds the lower part of the 30S subunit head. Binds mRNA in the 70S ribosome, positioning it for translation .Plays a role in mRNA unwinding by the ribosome, possibly by forming part of a processivity clamp.

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