



AVIDITY, L.L.C.

Catalog # AVB101 – Efficient Biotinylation *E. coli* B Strain

Supplied as a 0.5 ml liquid culture in 30% glycerol. Store at -80°C.

About the Strain AVB101

Strain AVB101 is an *E. coli* B strain (hsdR, lon11, sulA1) contains pBirAcm, an engineered pACYC184 plasmid with an IPTG inducible birA gene to over-express the biotin ligase. This B strain is a good expression strain because of its robust growth, and the absence of both the OmpT and Lon proteases. The pBirAcm plasmid should be maintained with chloramphenicol at 10 µg/ml concentration (remember this is a low copy number plasmid). Biotin should be added at the time of induction at a concentration of 50 µM. The pAN and pAC vectors require ampicillin for maintenance and the recommended concentration is 100 µg/ml.

If you have any questions, please don't hesitate to call Avidity.

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