



AVIDITY, L.L.C.

Catalog # EVB101 – Electrocompetent Cells of Efficient Biotinylation *E. coli* B Strain AVB101

500 μ l, supplied in 10 aliquots of 50 μ l each. 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 μ g/ml concentration (remember this is a low copy number plasmid). Biotin should be added at the time of induction at a concentration of 50 μ M. The pAN and pAC vectors require ampicillin for maintenance and the recommended concentration is 100 μ g/ml.

Follow procedures outlined by the manufacturer of electroporating device. Use only for induction. This strain is not intended for use as a cloning strain.

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

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