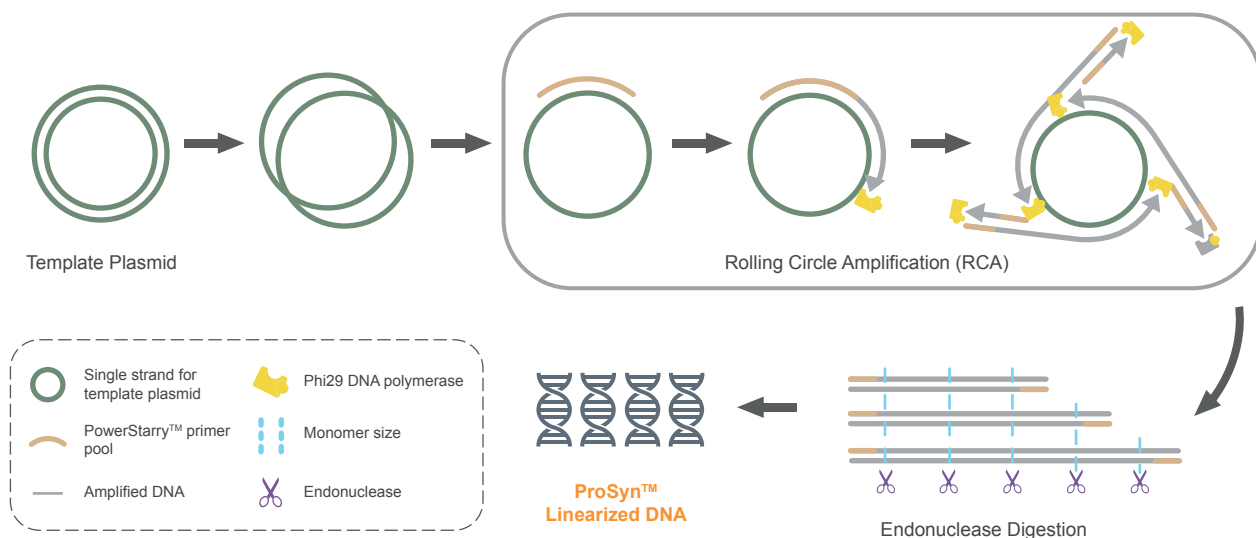


ProSyn™ Linearized DNA

Cell-free technology is a breakthrough in plasmid and linearized DNA manufacturing with its short turnaround time. ProSyn™ Linearized DNA is using enzymatic DNA synthesis through rolling circle amplification (RCA). Under the action of proprietary PowerStarry™ Primer Pool, ProBio is able to accelerate different projects by reducing time and manpower.



✓ No IP issue

✓ Non cell bank

✓ Unparalleled Accuracy: low error rate

✓ PowerStarry™ Primer Pool: high universality with stable structure

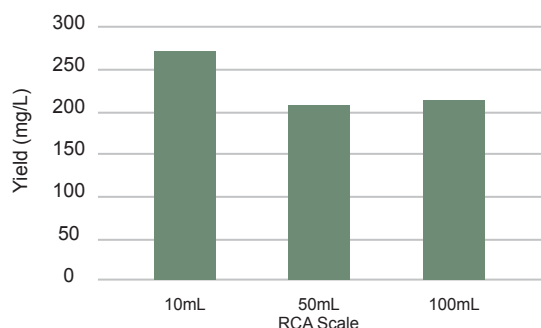
✓ Deliver small quantity of GMP product in fast turnaround time

Comparison of *E.coli* Fermentation and Cell-free Technology

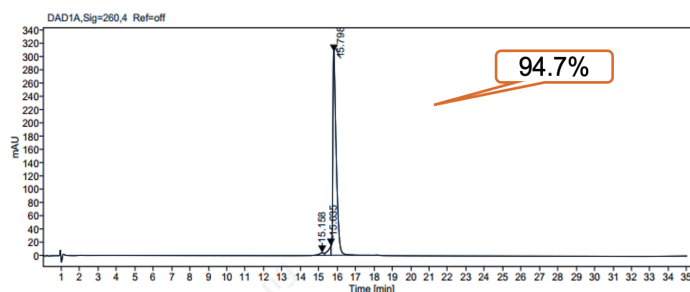
| | Linearized DNA | ProSyn™ Linearized DNA |
|--------------------|--|------------------------|
| Technology | <i>E. coli</i> Fermentation (with linearization) | Cell-free technology |
| Plasmid Length | Up to 15kb | Up to 15kb |
| Cell Bank | Yes | No |
| Minimum Mfg. Scale | 10L (g level) | 10mL (1mg) |
| Yield | Up to 1g/L | 2~3 mg per 10 ml |
| TAT | 10~12 weeks | 2~3 weeks |

ProSyn™ Linearized DNA Performance

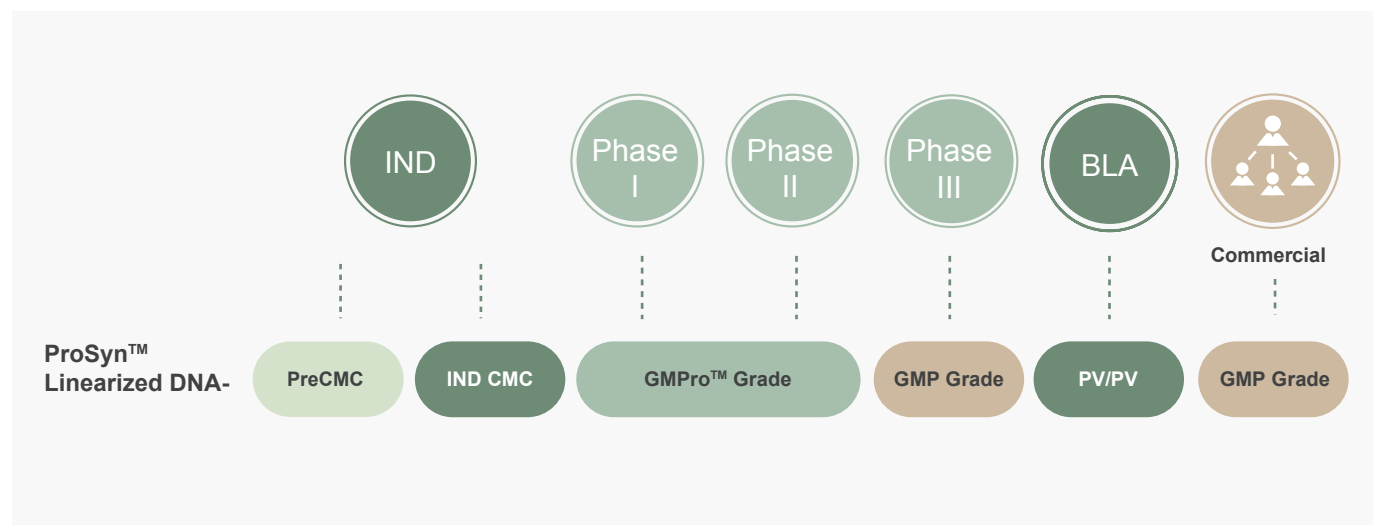
□ 2~3 mg per 10 ml with 4000~5000x amplification rate



□ Purity (IEC-HPLC): ~95%



ProBio ProSyn™ Linearized DNA Service Overview



Company Information

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