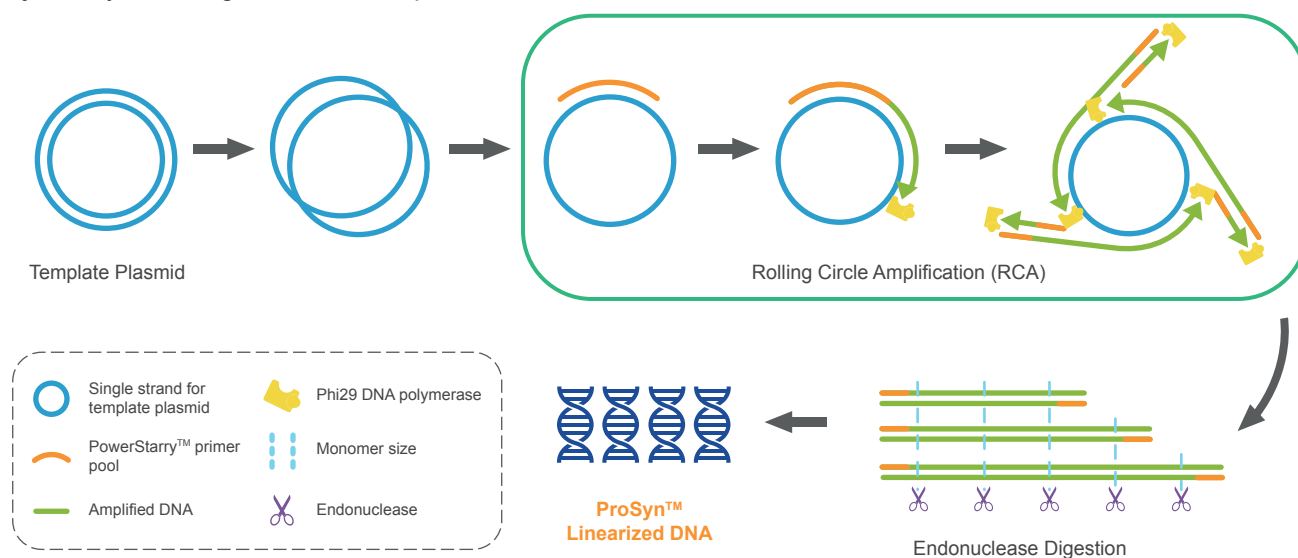


# ProSyn™ Linearized DNA Using Cell-free Technology

## 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, GenScript 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

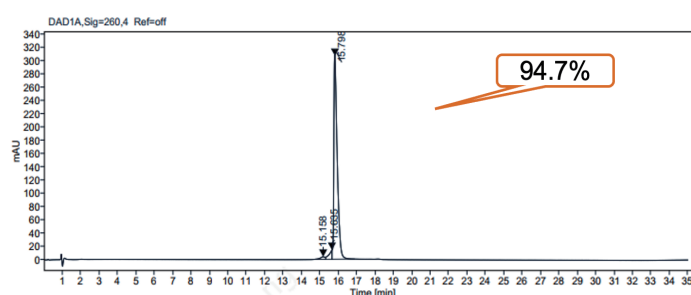
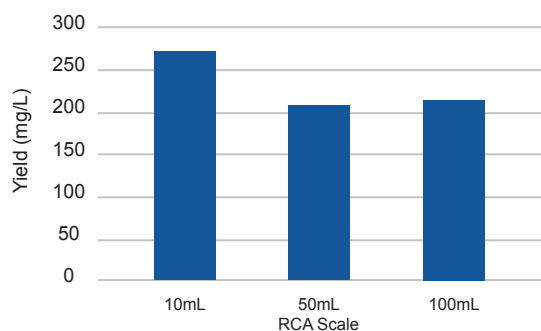
## Comparison of *E.coli* Fermentation and Cell-free Technology

	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

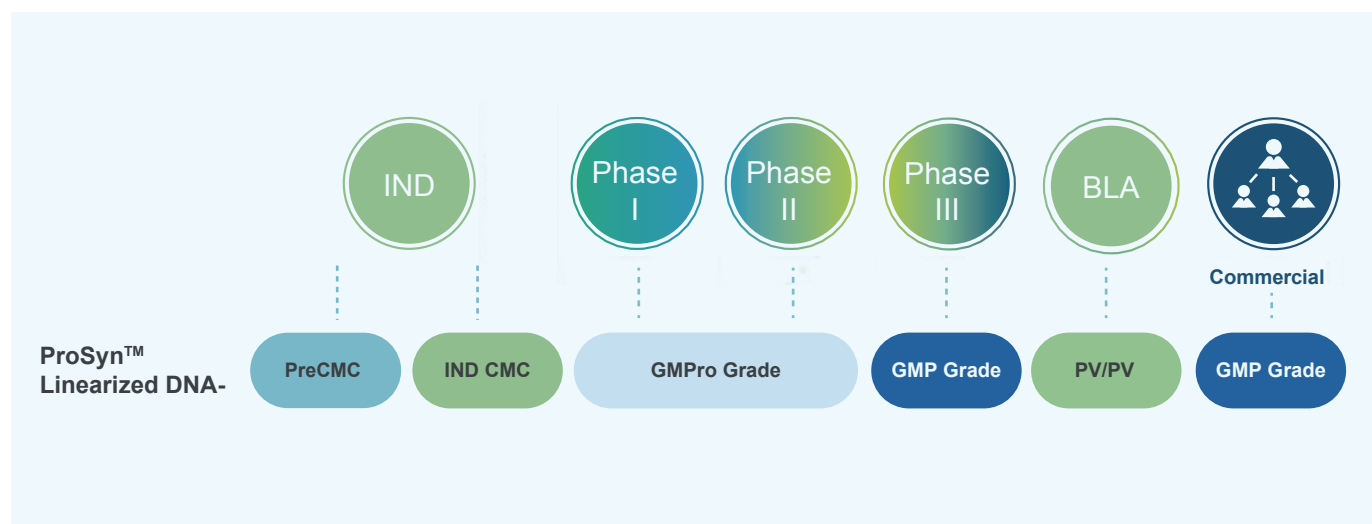
## ProSyn™ Linearized DNA Performance

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

□ Purity (IEC-HPLC): ~95%



## GenScript ProBio ProSyn™ Linearized DNA Service Overview



### Company Information

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