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Custom Plasmid Amplification and Purification

Information form

Plasmid name	Backbone	Size (bp)	Resistance	High/low copy number	Origin of insert	(1)Provided plasmid map	(2)Restriction profile (enzyme and fragment size)	Required amount (mg)	(3)Aliquot service	Notes
Example: pUC19-p53	pUC19	4000	Ampicillin	High	Human	No	- BamHI: 4000bp - EcoRI + HindIII: 2628 + 1314 bp	1 mg	Yes (50 tubes at 20 µg/mL)	

Production details:

- (4)Determination of Endotoxin level: ☐ Yes ☐ No
- Genomic DNA level: ……
- Protein level: ……..
- Dissolve DNA in: ☐ TE ☐ Nuclease-free Water
- (4)Other requirements: .....

(1) In case plasmid map will be provided, we accept the sequence as text or sequence file format.
(2) If plasmid map is not provided, the restriction profile will be required for plasmid confirmation. You can pick any of the following restriction enzymes and use them in a single or double digestion and provide the resulting fragment(s) size: BamHI, EcoRI, HindIII, PvuII, SalI, SfoI, SwaI, XbaI, XmaI and XhoI.
(3) Aliquot service is available upon request with extra charge. Provide the number of aliquots and required concentration (µg/mL).
(4) Extra charge will be applied

Note:

- *E. coli* DH5α will be used in the amplification process. Please notify us if this strain is not suitable for your plasmid amplification.
- Please notify us with any additional production requirements.