

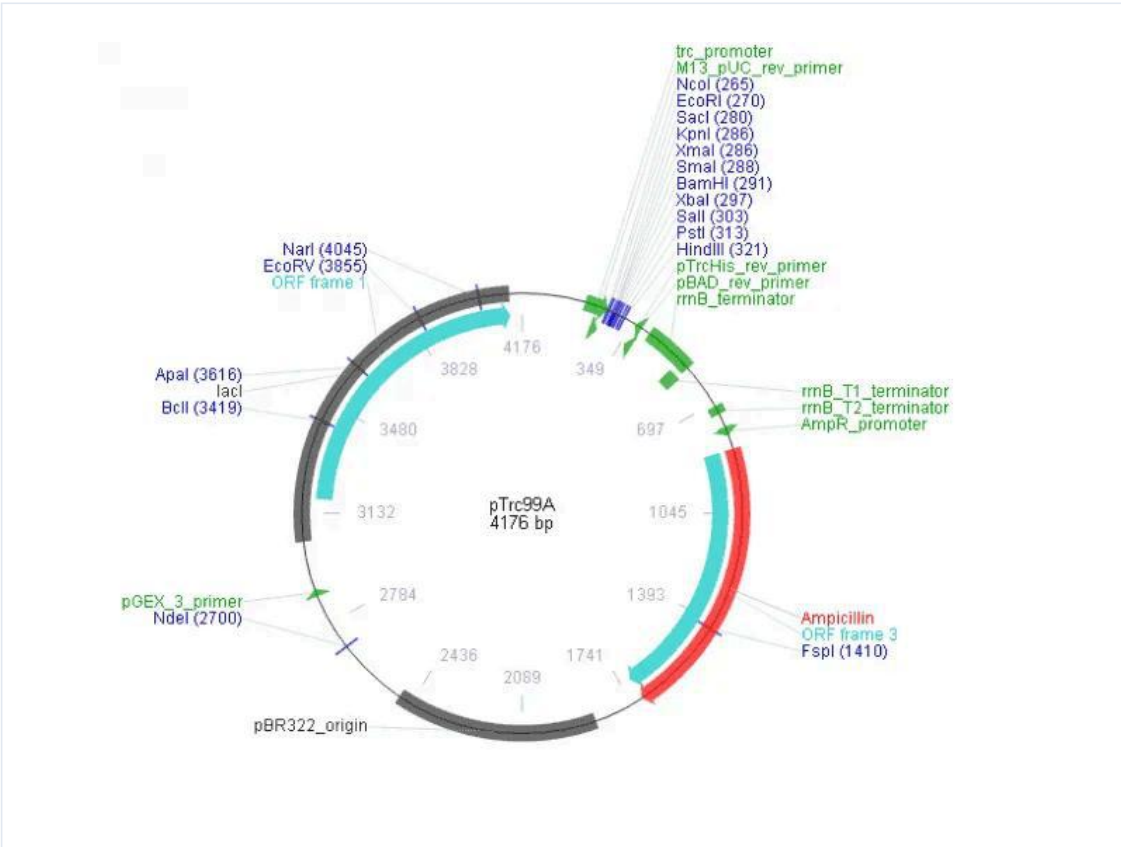
pTrc99a

SPECIFICATION MANUAL — PVT0806

PRODUCT TECHNICAL PROFILE

Plasmid classification	Escherichia coli vector; pTrc series expression plasmid
Plasmid size	4176 bp
Promoter	Trc/lac
Replicon / ori	pBR322 ori
Terminator	rrnB T2
Prokaryotic resistance	ampicillin (Amp)
Cloned strain	Escherichia coli DH5 alpha
Culture conditions	37 C, aerobic, LB
Expression host	Escherichia coli
Inducement	IPTG or lactose and its analogues
5' sequencing primer	pTrcHis-F: GAGGTATATATTAATGTATCG
3' sequencing primer	pTrcHis-R: GATTTAATCTGTATCAGG
Remarks	pTrc expression plasmid

PLASMID VECTOR MAP



SEQUENCE INFORMATION

LOCUS	Exported	4176 bp ds-DNA	circular SYN 11-9-2015
KEYWORDS	Untitled		

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SOURCE      synthetic DNA construct
ORGANISM    synthetic DNA construct
REFERENCE   1 (bases 1 to 4176)
AUTHORS     admin
TITLE       Direct Submission
JOURNAL     Exported 2015-9-11
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        lac UV5 promoters"
    protein_bind
        230..246
        /bound_moiety="lac repressor encoded by lacI"
        /note="lac operator"
        /note="The lac repressor binds to the lac operator to
        inhibit transcription in E. coli. This inhibition can be
        relieved by adding lactose or
        isopropyl-beta-D-thiogalactopyranoside (IPTG)."
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misc_feature 270..326

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ORIGIN

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Caution:

1. This product is FOR RESEARCH USE ONLY!
2. The item is lyophilized form. Please take the powder plasmid by centrifugation at 5000 rpm/min for 1 min. Add 20 ul ddH2O into the tube of plasmid. Take 2 ul plasmid into 100 uL corresponding competent cell, centrifugal then full coating on plate.
3. Shipping temperature is 2-8 C.