

DATASHEET

pUC18 plasmid DNA

Version: 2016-09-14

Cat. No. SD1162

Name: pUC18 plasmid DNA

Size: 10 µg

Description: pUC18 is a plasmid cloning vector commonly used with *E. coli*. The vector length is 2686 bp and is isolated from *E. coli* strain DH5α by standard procedures.

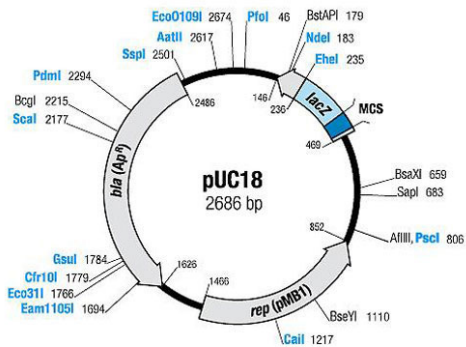
Reconstitution: Reconstitute the lyophilized plasmid with

100 ul ddH₂O, vortex for several seconds and briefly spin down the liquid to the bottom of the vial. For complete dissolution, incubate the tube at 37°C for 30 min.

Storage Buffer and Concentration: Supplied as 50 ug lyophilized powder in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH 7.5). Store at -20°C.

Storage: Store at -20°C.

Map



Forward Sequencing Primer:

DA0001: pUC57 Forward
(GTAAAACGACGGCCAGTG)

Reverse Sequencing Primer:

DA0002: pUC57 Reverse
(GGAAACAGCTATGACCATG)

M13pUC sequencing primer (20), 17-mer 399 HindIII PaeI SalI BstI HincII Sall XbaI BamHI CfrI0I Acc65I Ecl136II EcoRI
Eco88I Eco24I XapI 455
5' G TAA AAC GAC GGC CAG TGC CAA OCT TBC ATG CCT GCA GGT CGA CTC TAG AGG ATC CCC GGG TAC CGA GCT CGA ATT CGT
3' C ATT TTG CTG CCG GTC ACG GTT CGA ACG TAC GGA CGT CCA OCT GAG ATC TCC TAG GGG CCG ATG GGT CGA GCT TAA GCA
LacZ ← Val val Ala Leu Ala Ser Ala His Arg Cys Thr Ser Glu Leu Pro Asp Gly Pro Val Ser Ser Ser Asn Thr
AAT CAT GGT CAT AGC TGT TTC CTG 3'
TTA GTA CCA GTA TCG ACA AAG GAC 5'
Ile Met Thr Met
M13pUC reverse sequencing primer (20), 17-mer