

Version: 02

Update: 09/30/2022

DATASHEET

pUC18 plasmid DNA

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.

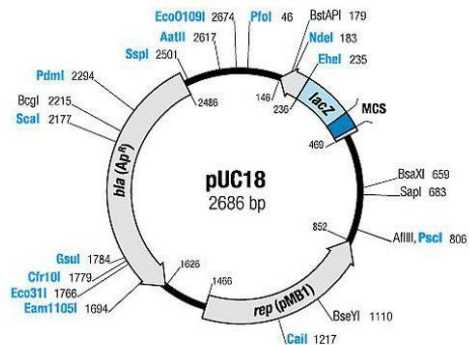
Reconstitution: Reconstitute the lyophilized plasmid with

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).

Storage: Store at -20°C.

Map



M13pUC sequencing primer (20), 17-mer
 399 HindIII PaeI SdaI BstI XbaI BamHI SmaI KpnI Eco24I XapI EcoRI
 5' G TAA AAC GAC GGC CAG TCC CAA GCT TGC ATG CCT GCA GGT CGA CTC TAG AGG ATC CCC GGG TAC CGA GCT CGA ATT CGT
 3' C ATT TTG CTA CCG GTC ACG GTT CGA ACG TAC GGA CGT CCA GCT GAG ATC TCC TAG GGG CCC 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

Forward Sequencing Primer:

DA0001: pUC57 Forward
 (GTAAAACGACGGCCAGTG)

Reverse Sequencing Primer:

DA0002: pUC57 Reverse
 (GGAAACAGCTATGACCATG)

For research and manufacturing use. Direct human use, including taking orally and injection are forbidden.

生产商: 南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

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