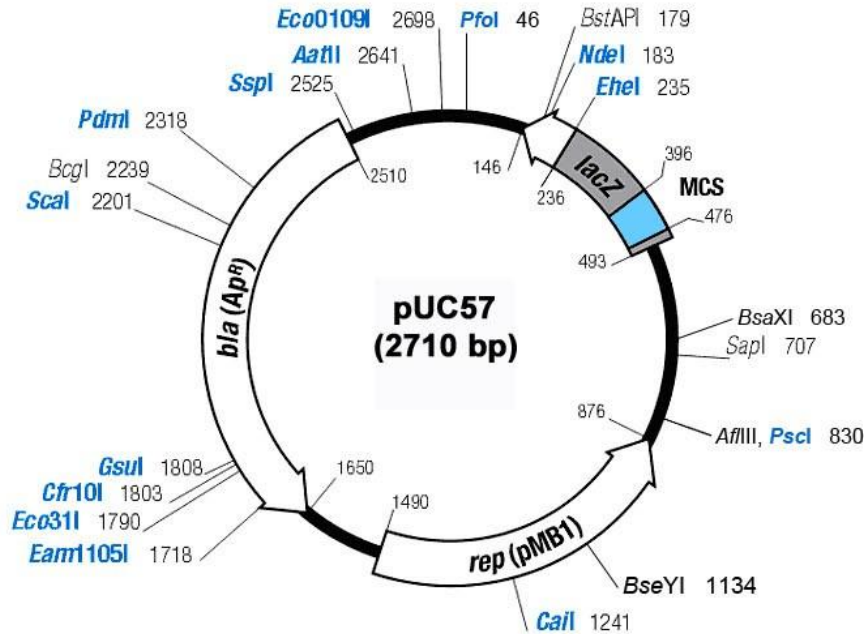


GenScript pUC57 plasmid DNA

Catalog No. SD1176

Description: pUC57 is a common used plasmid cloning vector in *E. coli*. The vector length is 2,710 bp and is isolated from *E. coli* strain DH5α by standard procedures.



Cloning Region:

M13/pUC sequencing primer (-20), 17-mer
 5' → G TAA AAC GAC GGC CAG
 3' ← C ATT TTG CTG CCG GTC

lacZ ← Val Val Ala Leu

396 EcoRI XapI Eco136II SacI Acc65I KpnI Bsp68I Mva1269I Mph1103I XbaI EcoRV BamHI Cfr9I Eco88I SmaI ApaI Bsp120I HincII SalI XmiI PstI Eco147I PaeI HindIII 476

TGA ATT CGA GCT CGG TAC CTC GCG AAT GCA TCT AGA TAT CCG ATC CCG GGC CCG TCG ACT GCA GAG GCC TGC ATG CAA GCT TGG
 ACT TAA GCT CGA GCC ATG GAG CGC TTA CGT AGA TCT ATA GCC TAG GGC CCG GGC AGC TGA CGT CTC CGG ACG TAC GTT CGA Acc
 Ser Asn Ser Ser Pro Val Glu Arg Ile Cys Arg Ser Ile Pro Asp Arg Ala Arg Arg Ser Cys Leu Gly Ala His Leu Ser Pro
 CGT AAT CAT GGT CAT AGC TGT TTC CTG 3'
 GCA TTA GTA CCA GTA TCG ACA AAG GAC 5'

Thr Ile Met Thr Met
 ← M13/pUC reverse sequencing primer (-26), 17-mer

Sequencing Primers:

Forward primer DA0001: pUC57 Forward (GTAAAACGACGGCCAGTG)

Reverse primer DA0002: pUC57 Reverse (GGAAACAGCTATGACCATG)

Reconstitution:

Reconstitute the lyophilized plasmid with 100ul 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: Supplied in lyophilized form. Store at -20°C.