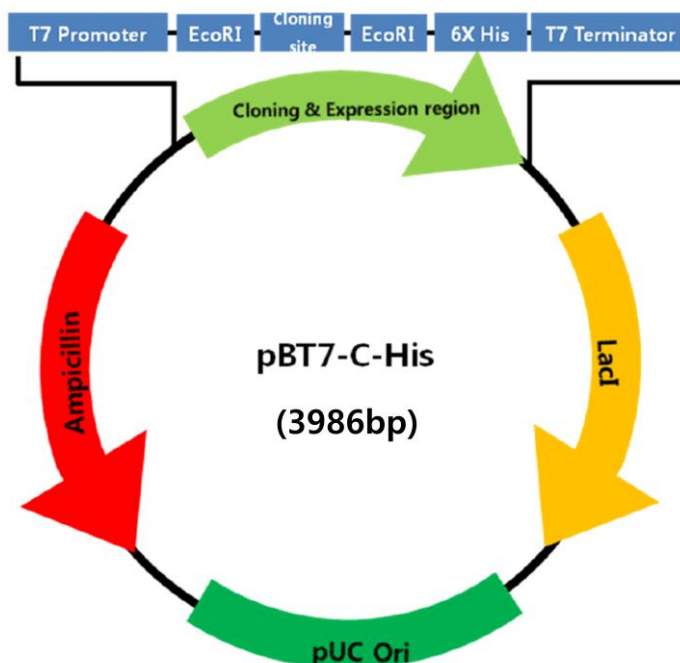


Vector information



pBT7-C-HIS vector spec

- * pUC origin : 334bp ~ 1001bp
- * Ampicillin : 1152bp ~ 2006bp
- * **T7 promoter** : 2451bp ~ 2470bp
- * **RBS** : 2524bp ~ 2531bp
- * **6X His Tag** : 2616bp ~ 2633bp
- * **T7 terminator** : 2637bp ~ 2655bp
- * **LacI** : 3187bp ~ 160bp
- * **Seq. primer** :

T7 pro : 5'-TAATACGACTCACTATAGGG-3'

T7 ter : 5'-GCTAGTTATTGCTCAGCGG-3'

*Cloning & Expression region

GAAATTAATACGACTCACTATAGGGGAATTGTGAGCGGATAACAATTCCCCTCTAGAAATAATTTGTTTAACTTTAAAGAGGAGAT
 ATACCATGGAATTCAGCCAGCAAGACAGCGATATCACCTGTAAGTCGGACGAATTCAGCAGCGGCCTGGTGCCGCGCGGCAGCCAT
 CATCATCATCATCATTCAGCCGCTGAGCAATAACTAGCATAAC

*Restriction enzyme that cut the pBHA vector between 0 and 3 times

# of sites	Enzyme
0	AarI, AatII, AbsI, AccI, AflII, AgeI, AjuI, AlfI, AoiI, ArsI, AscI, AsuII, AvaI, AvrII, BaeI, BalI, BamHI, BbvCI, BpI, Bpu10I, BsaAI, BseRI, BsmI, Bsp1407I, BspMI, BtrI, CspCI, DraIII, FalI, FseI, FspAI, KpnI, MauBI, MfeI, NdeI, NheI, NotI, NruI, OliI, PacI, PasI, PfoI, PmaCI, PmeI, PpuMI, PshAI, PsiI, PI-PspI, PspXI, PsrI, PstI, RsrII, SacI, SacII, SalI, SanDI, PI-SceI, SexAI, SfiI, SgfI, SgrDI, SmaI, SnaBI, SpeI, SrfI, Sse8387I, StuI, SwaI, Tth111I, XhoI, XmaI
1	AlwNI, ApaI, BclI, BglI, BglII, BsePI, BstEII, ClaI, DrdI, Eam1105I, Eco31I, Eco47III, EcoNI, EcoRV, Esp3I, HaeIV, HindII, HindIII, HpaI, MluI, NaeI, NcoI, PfiMI, PvuI, SapI, ScaI, SphI, SspI, TatI, XbaI, XmnI
2	AflIII, BarI, BdaI, BsaBI, BsaXI, BsgI, BtgZI, Eco57I, EcoRI, NspI, PvuII, SgrAI, StyI, TspGWI
3	AclI, ApaLI, ApoI, AvaII, BciVI, BseYI, BsrBI, BstXI, DraII, GsuI, NmeAIII, TfiI, TsoI, XcmI