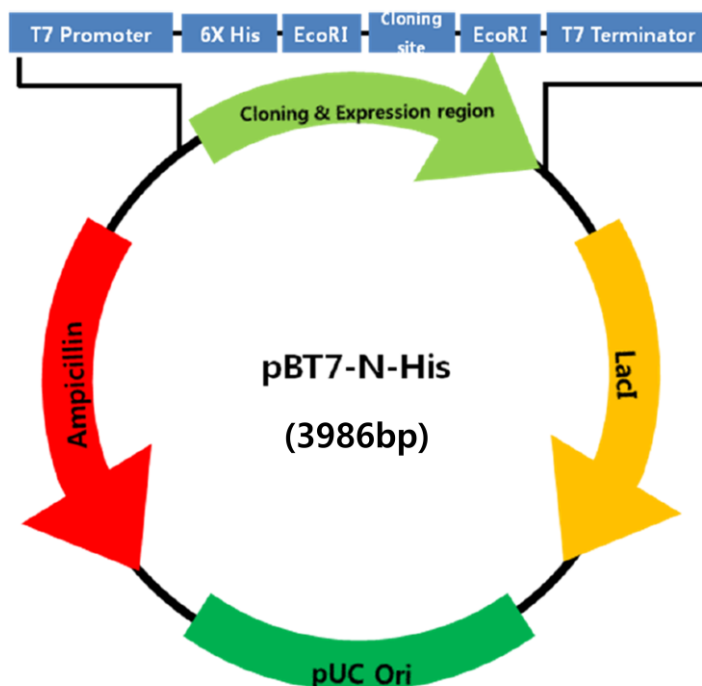


## Vector information



### pBT7-N-HIS vector spec

- \* pUC origin : 267bp ~ 934bp
- \* Ampicillin : 1085bp ~ 1939bp
- \* **T7 promoter** : 2384bp ~ 2403bp
- \* **RBS** : 2457bp ~ 2464bp
- \* **6X His Tag** : 2474bp ~ 2491bp
- \* **T7 terminator** : 2570bp ~ 2588bp
- \* **LacI** : 3120bp ~ 93bp
- \* **Seq. primer** :

T7 pro : 5'-TAATACGACTCACTATAGGG-3'

T7 ter : 5'-GCTAGTTATTGCTCAGCGG-3'

### \*Cloning & Expression region

GAAATTAATACGACTCACTATAGGGGAATTGTGAGCGGATAACAATTCCCCTCTAGAAATAATTTTGTTTAACTTTAAGAAGG  
 AGATATAACCATGCATCATCATCATCATCATAGCAGCGGCGCTGGTGCCGCGCGGCAGCGAATTCAGCCAGCAAGACAGCGATTA  
 TCACCTGTAAGTCGGACGAATTCGACCGCTGAGCAATAACTAGCATAAC

### \*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