Gene Engineering Division
RIKEN BioResource Center

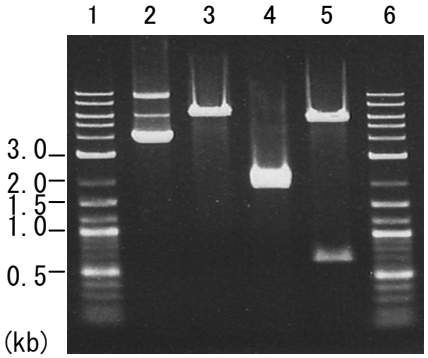
Plasmid name: pET25b_Tr-egl3-His (RDB No. 8310)

Alternative name: pET25b_Tr005-His
Backbone plasmid: pET25b
Selection: ampicillin
Plasmid size: 6207 bp
CDS size: 654 bp

1. Restriction enzyme digestion

Working #: BM0079

reaction volume: 10 ul
DNA: 300 ng of plasmid DNA
restriction enzyme: 10 to 15 units



Lane
1: Size marker
2: uncut plasmid DNA
3: plasmid DNA with *Eco*RI digestion (6207 bp)
4: plasmid DNA with *Bg*/I digestion (2216, 2050 and 1941 bp)
5: plasmid DNA with *Sa*/I digestion (5547 and 660 bp)
6: Size marker

Electrophoresis: 1% agarose gel, 1x TAE buffer
Size marker: 2-Log DNA Ladder (250 ng/lane; Cat.# N3200L, NEB)