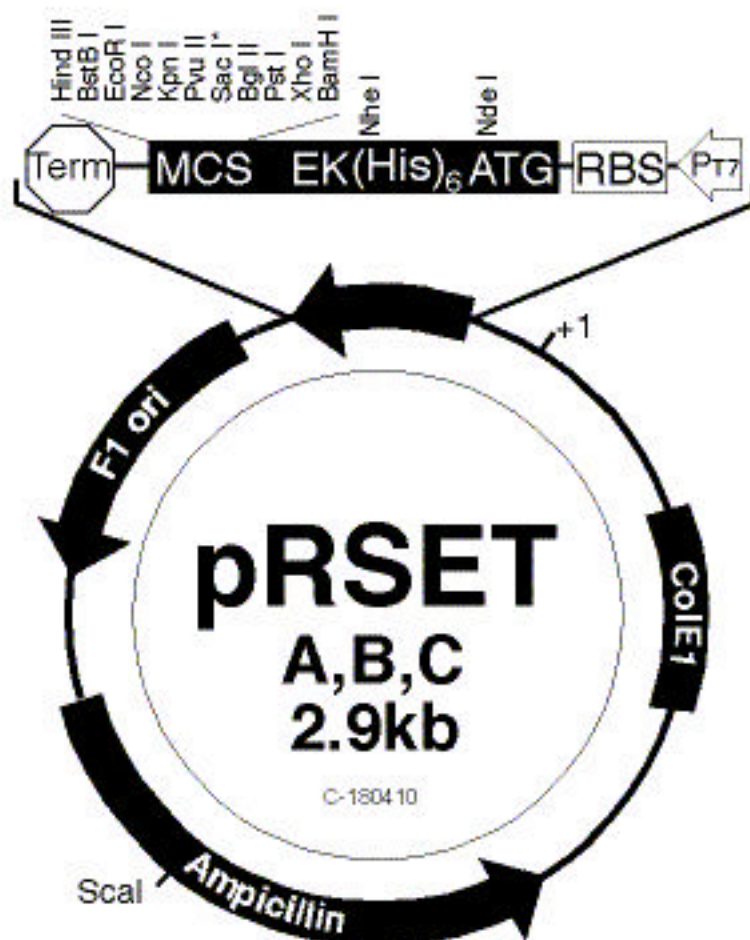


Comments for pRSET B  
2940 base pairs



Ampicillin Resistance Gene: bases 996-1856  
f1 origin: bases 2042-2497  
Polylinker: bases 2705-2751  
Metal Binding Domain: bases 2814-2831  
T7 Promotor: bases 2903-2922



\*Sac I is only found in versions A and B

The vectors pRSET A, B, and C are currently being sequenced. Restriction analysis has determined that the Bgl II site (2734) in the multiple cloning site is unique and that the reported site at 2937 does not exist. If you suspect additional errors in the sequence, please contact Invitrogen's Technical Service Department.

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**pRSET A**

2870 RBS Polyhistidine region  
AAGAAGGAGA TATACAT ATG CGG GGT TCT CAT CAT CAT CAT CAT CAT GGT ATG  
Met Arg Gly Ser His His His His His His Gly Met

2817 *Nhe*I T7 gene 10 leader Anti-Xpress™ Antibody Epitope  
GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT CGG GAT CTG TAC GAC GAT  
Ala Ser Met Thr Gly Gly Gln Gln Met Gly Arg Asp Leu Tyr Asp Asp

2769 *Bam*HI *Xho*I *Sac*I *Bgl* II *Pst*I *Pvu* II *Kpn*I *Nco*I  
GAC GAT AAG GAT CGA TGG GGA TCC GAG CTC GAG ATC TGC AGC TGG TAC  
Asp Asp Lys Asp Arg Trp Gly Ser Glu Leu Glu Ile Cys Ser Trp Tyr  
EK recognition sequence ▲ EK cleavage site

2721 *Eco*RI *Bst*B I *Hind* III  
CAT GGA ATT CGA AGC TTG ATC CGG CTG CTA ACA AAG CCC GAA AGG AAG  
His Gly Ile Arg Ser Leu Ile Arg Leu Leu Thr Lys Pro Glu Arg Lys

2673 pRSET reverse priming site  
CTG AGT TGG CTG CTG CCA CCG CTG AGC AAT AAC TAG  
Leu Ser Trp Leu Leu Pro Pro Leu Ser Asn Asn \*\*\*

**pRSET B**

2860 RBS Polyhistidine region  
AAGAAGGAGA TATACAT ATG CGG GGT TCT CAT CAT CAT CAT CAT CAT GGT ATG  
Met Arg Gly Ser His His His His His His Gly Met

2807 *Nhe*I T7 gene 10 leader Anti-Xpress™ Antibody Epitope  
GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT CGG GAT CTG TAC GAC GAT  
Ala Ser Met Thr Gly Gly Gln Gln Met Gly Arg Asp Leu Tyr Asp Asp

2759 *Bam*HI *Xho*I *Sac*I *Bgl* II *Pst*I *Pvu* II *Kpn*I *Nco*I *Eco*RI *Bst*B I  
GAC GAT AAG GAT CCG AGC TCG AGA TCT GCA GCT GGT ACC ATG GAA TTC  
Asp Asp Lys Asp Pro Ser Ser Arg Ser Ala Ala Gly Thr Met Glu Phe  
EK recognition sequence ▲ EK cleavage site

2711 *Hind* III  
GAA GCT TGA TCCGGCTGCT AACAAAGCCC GAAAGGAAGC TGAGTTGGCT GCTGCCACCG  
Glu Ala \*\*\*

2652 pRSET reverse priming site  
CTGAGCAATA ACTAG

**pRSET C**

2868 RBS Polyhistidine region  
AAGAAGGAGA TATACAT ATG CGG GGT TCT CAT CAT CAT CAT CAT CAT GGT ATG  
Met Arg Gly Ser His His His His His His Gly Met

2815 *Nhe*I T7 gene 10 leader Anti-Xpress™ Antibody Epitope  
GCT AGC ATG ACT GGT GGA CAG CAA ATG GGT CGG GAT CTG TAC GAC GAT  
Ala Ser Met Thr Gly Gly Gln Gln Met Gly Arg Asp Leu Tyr Asp Asp

2767 *Bam*HI *Xho*I *Bgl* II *Pst*I *Pvu* II *Kpn*I *Nco*I  
GAC GAT AAG GAT CGA TGG ATC CGA CCT CGA GAT CTG CAG CTG GTA CCA  
Asp Asp Lys Asp Arg Trp Ile Arg Pro Arg Asp Leu Gln Leu Val Pro  
EK recognition sequence ▲ EK cleavage site

2719 *Eco*RI *Bst*B I *Hind* III  
TGG AAT TCG AAG CTT GAT CCG GCT GCT AAC AAA GCC CGA AAG GAA GCT  
Trp Asn Ser Lys Leu Asp Pro Ala Ala Asn Lys Ala Arg Lys Glu Ala

2671 pRSET reverse priming site  
GAG TTG GCT GCT GCC ACC GCT GAG CAA TAA CTA  
Glu Leu Ala Ala Ala Thr Ala Gln Gln \*\*\*