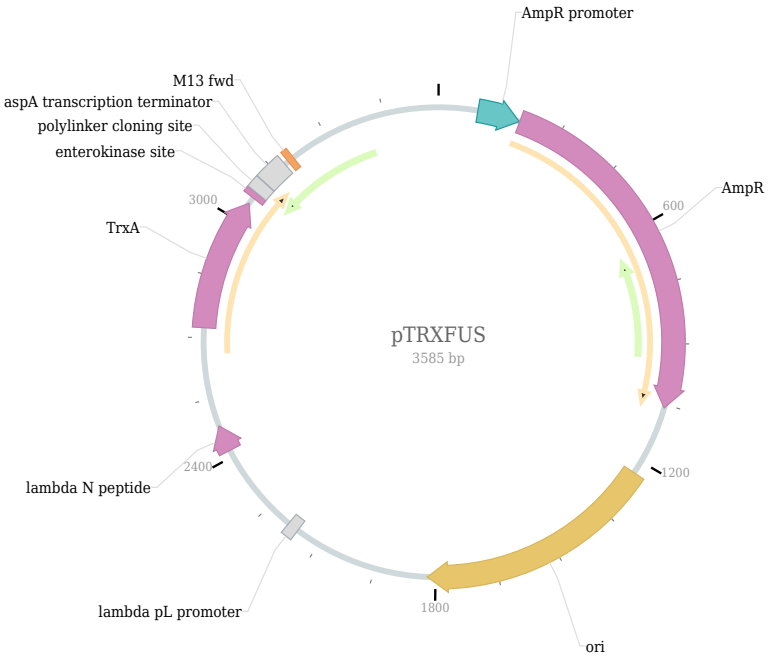
pTRXFUS

Vector ID	V002519
Antibiotic Resistance	Ampicillin
Length	3585 bp
Vector Type	Fusion cloning vector

Product Information

Replication Origin	ori
Source/Author	LaVallie ER, DiBlasio EA, Kovacic S, Grant KL, Schendel PF, McCoy JM.
Growth Strain(s)	EPI400
Growth Temperature	37℃
Comment	pTRXFUS (3.6 kb) is a bacterial expression vector for enhanced protein solubility. It features the lambda pL promoter driving expression of TrxA (thioredoxin) as a fusion partner, followed by an enterokinase site and a polylinker cloning site. The vector also includes the lambda N peptide for translational enhancement and an aspA transcription terminator. It carries M13 fwd and M13 rev priming sites for sequencing.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.