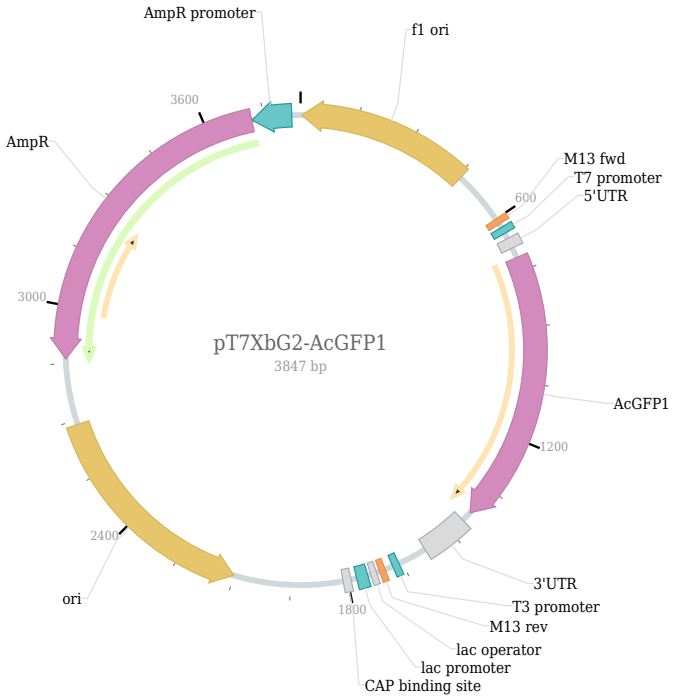
pT7XbG2-AcGFP1

Vector ID	V002843
Antibiotic Resistance	Ampicillin
Length	3847 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Kikawada T, Kanamori Y, Saito A, Watanabe M, Okuda T.
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pT7XbG2-AcGFP1 is a Xenopus oocyte cRNA expression/cloning vector. A T7 promoter drives in vitro transcription of an inserted ORF fused to AcGFP1 (monomeric GFP from Aequorea coerulescens, Ex/Em 475/505 nm), flanked by Xenopus β-globin 5′ and 3′ UTRs for efficient translation and stability in oocytes.

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 ℃.