**Antibiotic Resistance:** The plasmid pACYC184 carries a gene encoding resistance to tetracycline (tet) and a gene encoding resistance to chloramphenicol (chloramphenicol acetyltransferase). To maintain the plasmid, cells should be grown with 25–50 µg/ml of tet and 35–50 µg/ml of cam. The plasmid, which is present at a low copy number, cannot be amplified using a standard chloramphenicol procedure but can be amplified using spectinomycin (60 µg/ml of growth media).

**Notes:** Storage at –70°C is recommended for periods longer than 30 days. Avoid repeated freeze/thaw cycles.

**References:**