



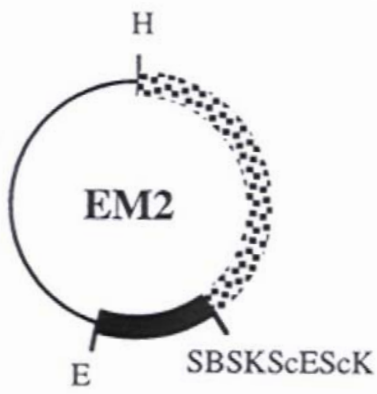
pMK18

Concentration: 100 ng/μl (1 μg total) Store at -20°C

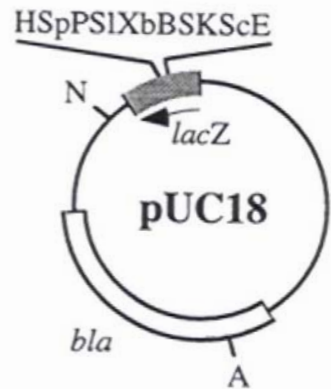
Description

Plasmid pMK18 is a pUC-derived plasmid, containing sequences from *Thermus thermophilus*. It is a shuttle vector, as it contains replication origins from both bacteria, thus it can be used for thermostabilisation projects involving transformation in both organisms. It also contains the *kat* cassette for kanamycine selection. The *kat* cassette is active at 37 °C and at 70 °C. The promoter under which the expression of *kat* is directed is a shuttle promoter, as it is active in *E. coli* cultures and in *Thermus thermophilus* cultures.

Cat. No.	Product
31.018	Plasmid pMK18 (100 ng / μl, 1 μg)



*Kpn*I
Klenow



*Eco*RI
*Hind*III
Klenow

*Nde*I
*Ava*II
Klenow

