

EcoClone T-Link

100 µL (50 ng/µL; 5 µg total DNA)

Cat No: PL0009

Shipping : Ship at ambient temperature.

Storage : Store at -20°C.

General Information

EcoClone T-Link is a compact, high-copy bacterial cloning and sequencing vector with kanamycin resistance. The 3,143 bp circular plasmid contains T7 and SP6 promoter regions flanking the cloning region, M13 forward and reverse sequencing primer sites, a lac promoter/operator region, a high-copy bacterial origin of replication, and an f1 origin. It is supplied as purified plasmid DNA for research use only.

Vector Information

Vector size: 3143 bp; circular

Promoter / regulatory elements: T7 promoter; SP6 promoter; lac promoter/operator

Bacterial selection: Kanamycin [aph(3')-II / nptII]

Mammalian selection: None

Sequencing sites: M13 forward and reverse primer sites

Origin of replication: High-copy ColE1/pMB1/pBR322/pUC-type ori; f1 ori

Applications

Routine DNA cloning and subcloning; Sequencing-template preparation using M13/T7/SP6 regions; In vitro transcription from T7 or SP6 promoters; Preparation of a TA-cloning backbone following appropriate linearization and 3'-T tailing; Plasmid propagation in compatible E. coli strains.

Multiple Cloning Site (MCS)

EcoRI - BamHI - ClaI - BamHI - HindIII

Important Note

For Research Use Only. Not for use in diagnostic procedures. The supplied material is circular plasmid DNA. For direct TA cloning of PCR products, the vector must first be linearized and prepared with compatible 3'-T overhangs. Restriction-site availability, insert orientation, and selection conditions should be verified for the intended cloning workflow.

