

EcoClone Basic

100 µL (50 ng/µL; 5 µg total DNA)

Cat No: PL0001

Shipping : Ship at ambient temperature.

Storage : Store at -20°C.

General Information

EcoClone Basic is a high-copy cloning Vector designed for the molecular biology applications described below. It is supplied as purified plasmid DNA for research use only.

Vector Information

Vector size: 2686 bp

Promoter: lac promoter/operator

Bacterial selection: Ampicillin

Mammalian selection: None

Reporter / tag: lacZα screening cassette

Origin of replication: pUC/ColE1-type high-copy bacterial origin

Applications

Routine DNA cloning; Subcloning; Blue/white screening; Sequencing template preparation.

Multiple Cloning Site (MCS)

EcoRI - SacI - Acc65I/KpnI - XmaI/SmaI - BamHI - XbaI - SalI - AccI/HincII - PstI - SphI - HindIII

Important Note

For Research Use Only. Not for use in diagnostic procedures. The MCS lies within the lacZα region, enabling insertional inactivation-based blue/white screening in compatible host strains.

