

Product sheet

9L/lacZ | 305208

General information

Description	9L/lacZ is a plasmid vector for the expression of lacZ in E. coli. It contains a lacZ gene under the control of a lac promoter, a tetracycline resistance gene (tetR), and a multiple cloning site (MCS). The plasmid is 305208 bp in size.
Organism	E. coli
Tissue	Not applicable
Disease	Not applicable
Synonyms	9L/LacZ

Strain information

Breed/Subspecies	344
Gender	Not applicable
Morphology	Not applicable
Growth properties	Not applicable

Strain identification

Citation	9L/lacZ (Cytion 305208)
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_5656
GMO Status	GMO-S1: 9L/lacZ (Cytion 305208) is a plasmid vector for the expression of lacZ in E. coli. It contains a lacZ gene under the control of a lac promoter, a tetracycline resistance gene (tetR), and a multiple cloning site (MCS). The plasmid is 305208 bp in size.

Strain identification

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Culture Medium	DMEM, w: 4.5 g/L , w: 4 mM L-, w: 3.7 g/L NaHCO ₃ , w: 1.0 mM (Cytion 820300a)
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Supplements	10% FBS
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Dissociation Reagent	
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Subculturing	PBS T25, -3-5 PBS, 3 . ,
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Fluid renewal	2 3
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Freeze medium	(FBS) + 10% DMSO , C
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Thawing and Culturing Cells	, -150°C 37 70% 15 8 300 x g 3 10 - T2
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Incubation Atmosphere	37°C, 5% CO ₂ ,
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Flask Coating	
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Freezing
Procedure

1. The cells are grown in 9L/lacZ medium and harvested at mid-log phase. The cells are washed with PBS and resuspended in 100 µl of PBS per 10⁸ cells. The cells are then frozen in liquid nitrogen and stored at -78°C.

Shipping
Conditions

The cells are shipped in dry ice and stored at -78°C.

Storage
Conditions

The cells are stored at -150 to -196 °C in liquid nitrogen. The cells are stable for up to 1 year.

9L/lacZ 9L/lacZ 9L/lacZ 9L/lacZ

Sterility

The cells are grown in 9L/lacZ medium and harvested at mid-log phase. The cells are washed with PBS and resuspended in 100 µl of PBS per 10⁸ cells. The cells are then frozen in liquid nitrogen and stored at -78°C. The cells are shipped in dry ice and stored at -78°C. The cells are stable for up to 1 year.