

AGL1 Agrobacterium Strain

STR3006	Packing 100ul	Lot no according to the label
Store -80 °C		Expiry date according to the label

AGL1 Agrobacterium Strain Genotype

C58 RecA (rif R/carbR) Ti pTiBo542DT-DNA (strepR) Succinamopine

AGL1 Agrobacterium Strain Information

Type Agrobacterium tumefaciens

Resistance: Rif/ carb (20ug/ml)

Culture medium: YEB

Strain category: Agrobacterium tumefaciens

Culture conditions: 28 °C, aerobic, YEB

Transformation of plasmids: electric conversion and transformation

Preservation method: 30% glycerin, -80 °C

Basic application: transgene

AGL1 Agrobacterium Strain Description

AGL1 Agrobacterium Strain strain was C58, RecA background, containing screening label, rifampicin resistant gene RIF and carbenicillin resistance gene carb in nuclear genes, in order to facilitate the transformation of the operation, the strains carrying Ti plasmid pTiBo542DT-DNA amber base without its transport function, the plasmid containing vir gene (VIR T-DNA gene was inserted into the plant genome required the T-DNA element, pTiBo542DT-DNA plasmid transfer function is damaged, but can help the binary vector T-DNA to successfully transfer). The pTiBo542DT-DNA Ti plasmid contains a screening tag: strep, giving AGL1 streptomycin resistance, which is suitable for transgenic operation of plants such as rice, Arabidopsis and poplar. AGL1 strain was cultured on LB or YEB at 28 centigrade aerobic culture, and 30% glycerol could be used to preserve the bacteria.

Caution:

1. This product is FOR RESEARCH USE ONLY!
2. This product is glycerol packed, Please kindly culture it as soon as possible then harvest and store at -80°C .
3. Shipping temperature is $2-8^{\circ}\text{C}$.