

## Vector Dephosphorylation

1. Combine the following on ice

<b>Reagent</b>	<b>1x(volume in ul)</b>	<b>[final]</b>
10x AP Buffer	5	1x
H <sub>2</sub> O	Vol req for 50 ul	-
DNA	Vol req for 0.5 ug <= mass <= 5ug	-
Antarctic Phosphate	0.5	1 U

2. Incubate at 37C for 30 minutes
3. Heat inactive enzyme at 65C for 15 minutes