

P Easy-Pfu 2X PCR SuperMix

Cat. No. ABTGMBS02

Storage: at -20°C for two years

Description

P Easy-Pfu 2X PCR SuperMix is a ready-to-use mixture of Easy-Pfu DNA Polymerase, dNTPs and optimized buffer. It is provided at 2X concentration and used at 1X concentration by adding template, primers and H₂O. P Easy-Pfu 2X PCR SuperMix generates blunt-end PCR products, which can be directly cloned into AllBio Blunt vectors.

- Reduced operation time of PCR amplification.
- Avoid the contamination from multi-step operation.
- The fidelity is 18 times higher than that of P Page DNA Polymerase for PAGE

Application

- High fidelity PCR
- Blunt end cloning

Kit Contents

Component	ABTGMBS02-01	ABTGMBS02-02
P Easy-Pfu 2X PCR SuperMix(-dye)	1 ml	5×1 ml
ddH ₂ O	1 ml	5 ml

Reaction Components

Component	Volume	Final Concentration
Template	Variable	as required
Forward Primer (10 μM)	1 μl	0.2 μM
Reverse Primer (10 μM)	1 μl	0.2 μM
P Easy-Pfu 2X PCR SuperMix	25 μl	1X
ddH ₂ O	Variable	-
Total volume	50 μl	-

Thermal cycling conditions

94°C	2-5 min	} 30-35 cycles
94°C	30 sec	
50-60°C	30 sec	
72°C	1-2 kb/min	
72°C	5-10 min	

Note

Completely thaw the contents in the tube and mix well before use.