



pEASY CLONING VECTOR

The "pEASY " cloning vectors provide a **highly efficient, 5 minutes, one-step** cloning strategy for PCR product without the need of elimination of PCR buffers. Some of convenient features of the vectors are as follows.

▶ **Fast**

Instead of traditional method----Ligation can be accomplished without T4 DNA ligase in as little as 5 minutes hands-on time.

▶ **Easy**

One microlitre PCR product and one microlitre vector are mixed together. Mixture is incubated for 5 minutes at room temperature.

▶ **Efficient**

More than 95% clones contain correct insert.

▶ **Double Selection Markers**

Kanamycin and ampicillin resistance genes are used for your choice of selection in *E.coli*.

▶ **Easy blue/white selection**

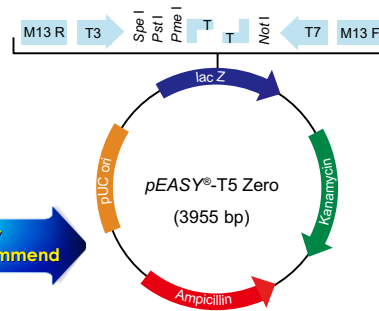
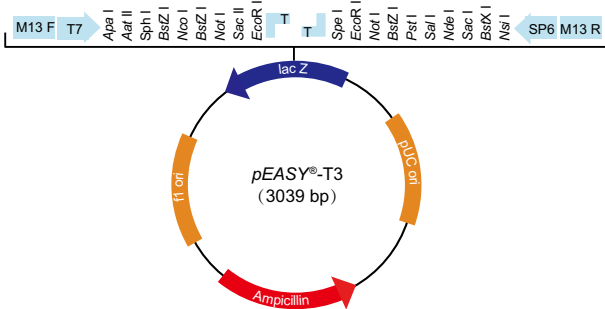
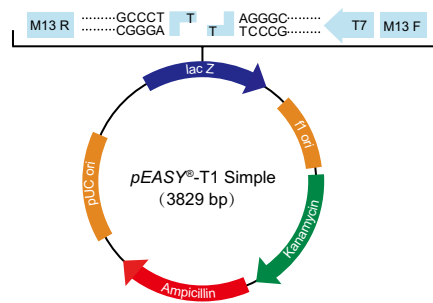
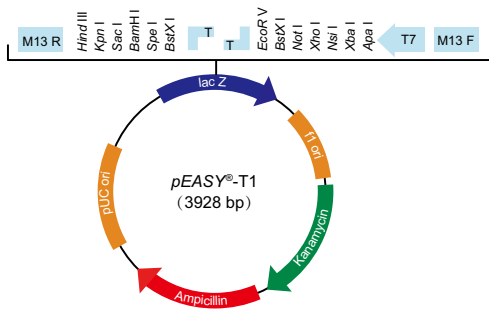
Cloning kits are supplied with free *Trans1-T1* Phage Chemically Comptent Cell.

Publications with pEASY vector

- ▶ Yanpeng Wang, et al. (2014) Simultaneous editing of three homoeoalleles in hexaploid bread wheat confers heritable resistance to powdery mildew. **Nature Biotechnology**, [IF=39.08].
- ▶ Weiliang Zuo et al. (2014) A maize wall-associated kinase confers quantitative resistance to head smut. **Nature Genetics**, [IF=29.65].
- ▶ Rongrong Le, et al. (2014) Enhanced telomere rejuvenation in pluripotent cells reprogrammed via nuclear transfer Relative to induced pluripotent stem cells. **Cell Stem Cell**, [IF=25.421].
- ▶ Feng Zhou, et al. (2013) D14-SCFD3-dependent degradation of D53 regulates strigolactone signaling. **Nature**, [IF=38.597].
- ▶ Qiwei Shan et al. (2013) Targeted genome modification of crop plants using a CRISPR-Cas system. **Nature Biotechnology**, [IF=32.44].
- ▶ Yawei Gao et al. (2013) Replacement of Oct4 by Tet1 during iPSC induction reveals an important Role of DNA methylation and hydroxymethylation in reprogramming. **Cell Stem Cell**, [IF=25.421].
- ▶ Zhengyan Feng et al. (2013) Efficient genome editing in plants using a CRISPR/Cas system. **Cell Research**, [IF=10.526].

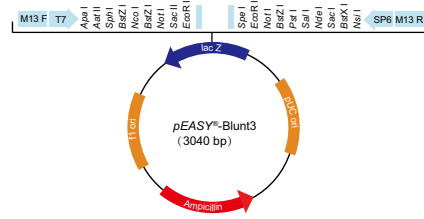
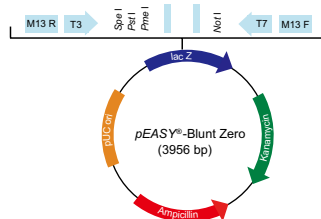
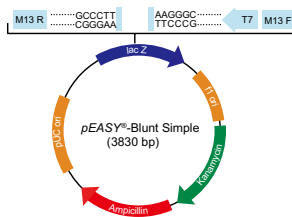
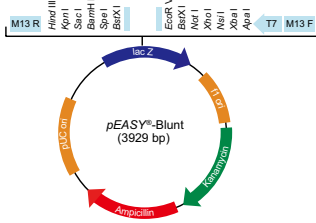
Applications:

- >> Sequencing;
- >> General Subcloning;
- >> Cloning of Long PCR Fragments;



**highly
Recommend**

**Long fragment is available (0-10 kb) ;
Special technology to minimize background --100% efficiency**



You can choose the "Blunt vectors" for a blunt-end PCR products ligation.

Product Name	Cat. No.	Specification
pEASY®-T1 Cloning Kit	CT101-01	20 rxns
	CT101-02	60 rxns
pEASY®-Blunt Cloning Kit	CB101-01	20 rxns
	CB101-02	60 rxns
pEASY®-T1 Simple Cloning Kit	CT111-01	20 rxns
	CT111-02	60 rxns
pEASY®-Blunt Simple Cloning Kit	CB111-01	20 rxns
	CB111-02	60 rxns
pEASY®-T3 Cloning Kit	CT301-01	20 rxns
	CT301-02	60 rxns
pEASY®-Blunt3 Cloning Kit	CB301-01	20 rxns
	CB301-02	60 rxns
pEASY®-T5 Zero Cloning Kit	CT501-01	20 rxns
	CT501-02	60 rxns
pEASY®-Blunt Zero Cloning Kit	CB501-01	20 rxns
	CB501-02	60 rxns

The cloning kit includes vector, *Trans1-T1 Phage Chemically Competent* and etc.
Trans1-T1 Phage Chemically Competent Cell grows fast for miniprep, shortens cloning time and speeds up the progress of your experiment.

Tips

Competent cells at -70°C; Others at -20°C for 9 months.

Notes

Further details can be found in the customer contact below. For any questions, please contact with us by WeChat or call TransGen Customer Service at +86-10-57815027/57815087 or contact with our distributors.



About us

- ▶ We provide high quality products for life science.
- ▶ We provide simple and efficient methods.
- ▶ We provide new concept for scientific research.

BEIJING TRANSGEN BIOTECH CO., LTD.





Website <http://www.transgenbiotech.com>

E-mail trade@transgen.com.cn

Customer Service +86-10-57815027

Phone +86-10-57815087

B to B Website <http://transgen.en.alibaba.com>

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