

Certificate of analysis

Product Name/Description: Mighty Cloning Reagent Set (Blunt End)
Cat. #: 6027
Lot #: Specified on product label
Storage Conditions: -20 degrees C
Expiration Date: Specified on product label or package

Package Size: 20 Rxns

Package Contents:	1. 10X Blunting Kination Buffer		40 µl
	2. Blunting Kination Enzyme Mix		20 µl
	3. Ligation Mighty Mix		120 µl
	4. Control Vector (pUC118-Hinc II/BAP)	50 ng/µl	20 µl
	5. Control Insert	200 ng/µl	10 µl
	6. ddH2O		340 µl

Quality Control Data:

- 1) The expected sizes of pUC118 Hinc II/BAP and Control Insert were confirmed by agarose gel electrophoresis.
- 2) Control Insert was treated with Blunting Kination Enzyme Mix according to the standard protocol in the user manual. No degradation of the Insert treated was shown by agarose gel electrophoresis.
- 3) The Insert treated in 2) was ligated to pUC118 Hinc II/BAP by Ligation Mighty Mix and E. coli JM109 Competent Cells were transformed according to the user manual. The number of white colonies was more than 80% of total colonies.
- 4) It was confirmed that the clones of Control Insert were equal to or more than 75% of the white colonies obtained in 3).

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

Notice To Purchaser:

Please refer to the website.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office:
www.takara-bio.co.jp (Japanese)
www.takarabio.com (English)

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