

# Certificate of analysis

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**Product Name/Description:** T-Vector pMD20  
**Cat. #:** 3270  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** 2 years from date of receipt under proper storage condition

**Package Size:** 1 µg

<b>Package Contents:</b>	1. T-Vector pMD20	50 ng/µl	1 µg
	2. Control Insert	50 ng/µl	500 ng

**Quality Control Data:**

Performance test:

When this product was ligated with Control Insert and transformed into E. coli JM109 Competent Cells, the transformation efficiency was  $>1.0E+05$  cfu/µg and white colonies were  $>90\%$  of total colonies. It was confirmed that more than 90% of the white colonies carried the plasmid containing the Control Insert.

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](http://www.takara-bio.co.jp) (Japanese)  
[www.takarabio.com](http://www.takarabio.com) (English)

**Licence Statements:**

Please visit our website and click the "license" button on the product's web page.

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