

## Certificate of analysis

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**Product Name/Description:** PrimeCap™ T7 RNA Polymerase (low dsRNA) GMP grade

**Cat. #:** T2422S001

**Lot #:** AP1S001

**Storage Conditions:** -20 ± 5 degrees C

**Expiration Date:** January 30, 2026\*

**Package Size:** 200 KU

**Package Contents:** 1. PrimeCap™ T7 RNA Polymerase (low dsRNA) 200 U/μl 200 KU  
GMP grade

**Note:** \*The expiration date of this lot was determined from the results of accelerated testing.

**Quality Control Data:**

Test items	Methods	Specifications	Results
1) Appearance	Visual inspection	Clear, colorless solution	Passed
2) Protein purity	Liquid Chromatography	≥90%	100%
3) Activity	Fluorometric assay	160 - 240 U/μL	206 U/μL
4) Endotoxin	Turbidimetric assay	≤10 EU/mL	<3 EU/mL
5) Bioburden	Membrane filtration	<5 CFU/mL	0 CFU/mL

It is certified that this product meets the above specifications.

Approved By:

Manager, Quality Assurance  
Takara Bio Inc.

**Notice To Purchaser:**

This product is not intended for humans or animals in vivo applications. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

**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)

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