

# Certificate of Analysis



**Product Name/Description:** pCold™ GST DNA  
**Cat. #:** 3372  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** 2 years from date of receipt under proper storage condition

**Package Size:** 25 µg

**Package Contents:** 1. pCold GST DNA 0.5 µg/µl 25 µg

**Product Documents:** Documents for Takara Bio products are available for download at [www.takara-bio.com](http://www.takara-bio.com)

**Quality Control Data:**

**Absorbance test:**

When ultraviolet spectroscopic analysis of product between 220nm to 320nm is done, the ratio of A260/A280 was between 1.8 to 2.0, and the calculated DNA concentration was more than 0.50 µg/µl and less than 0.55 µg/µl.

**Electrophoresis test:**

When the product and the previous lot product was analyzed by agarose gel electrophoresis, any genomic DNA or multi-mer plasmids were not observed.

**Restriction digestion test:**

This plasmid was cleaved at one site by each of the restriction enzymes (Nde I, Sac I, Kpn I, Xho I, Bam HI, EcoR I, Hind III, Sal I, Pst I, Xba I, and Sma I).

**Sequence test:**

When the sequences of GST tag and the multi-cloning site was sequenced, the sequence was correct (same as master plasmid).

It is certified that this product meets above specifications.

Manager, Quality Assurance  
TAKARA BIO INC.

**Limited Use Label License & Patent Marking:**

[ L13a ] This product is covered by the claims of U.S. Patent No.5,981,280, 6,686,174 and their foreign counterpart patent claims, assigned to Rutgers, The State University of New Jersey. This product is covered by the claims of U.S. Patent No.6,897,042 and their foreign counterpart patent claims.

[ M9 ] This product is covered by the claims of U.S. Patent No. No. 6,897,042 and its foreign counterpart patent claims.

**Safety Information :**

Please refer to our website for safety information :

<http://www.takara-bio.com>

**Notice To Purchaser :**

This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

Also, do not use this product as food, cosmetic, or household item, etc.

Takara products may not be resold or transferred, modified for resale or transfer, or used to manufacture commercial products without written approval from TAKARA BIO INC.

If you require licenses for other use, please contact us by phone at +81 77 565 6973 or from our website.

<http://www.takara-bio.com>

Your use of this product is also subject to compliance with any applicable licensing requirements described on the product web page.

It is your responsibility to review, understand and adhere to any restrictions imposed by such statements.

All trademarks are the property of their respective owners. Certain trademarks may not be registered in all jurisdictions.