

## Certificate of Analysis

**Product name/description :**

**RetroNectin<sup>®</sup>**  
**(Recombinant Human Fibronectin Fragment)**

<b>Code No :</b>	<b>T100B</b>	<b>Size :</b>	2.5 mg Protein
<b>Lot No :</b>	<b>AD4G002</b>	<b>Concentration :</b>	1 µg/µl
<b>Storage Condition :</b>	<b>-20 degrees C</b>	<b>Volume :</b>	2.5 ml
<b>Shipping Condition :</b>	<b>-20 degrees C</b>		
<b>Expiration Date :</b>	<b>May 2016</b>		

**Source :** *E. coli* expressing human fibronectin fragment CH-296

**Quality Control Data :**

Test items	Specifications	Results
Chromatographic purity	> 90.0%	99.8%
Biological activity tests		
(1) C-domain binding activity	> 80% of test control (TC)	Passed
(2) CS1 binding activity	> 80% of test control (TC)	Passed
(3) Heparin binding activity	conform to the standard	Passed

It is certified that this product meets above specifications.

Approved By :

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Manager, Quality Assurance  
 TAKARA BIO INC.

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

**L9 RetroNectin<sup>®</sup>** : A method to increase the efficiency of retrovirus mediated gene transfer ( covered by the claims of U.S. Patent No. 5,686,278, 6,033,907, 7,083,979, and 6,670,177 and their foreign counterpart patent claims ) is licensed to TAKARA BIO INC. exclusively and worldwide.

**M69 RetroNectin<sup>®</sup> Expansion Method** : This product is covered by the claims of Japanese Patent No. 4406566 and its foreign counterparts patent claims.

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.

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**Safety Information :**

Please refer to our website (\*) for safety information :

(\*)Japanese customers : <http://www.takara-bio.co.jp>

Other country's customers : <http://www.takara-bio.us>

**Notice To Purchaser :**

This product is intended to be used for research purpose only. They are not to be used for drug or diagnostic purposes, nor are they intended for human use. They shall not to be used products as food, cosmetics, or utensils, 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 call at +81 77 543 7247 or contact from our website.

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Other country's customers : <http://www.takara-bio.com> or <http://www.takara-bio.us>

**Country of origin : Japan**