

GEN PROBE INC  
Form 4  
August 17, 2007

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

Check this box  
if no longer  
subject to  
Section 16.  
Form 4 or  
Form 5  
obligations  
may continue.  
*See Instruction*  
1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF  
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

## OMB APPROVAL

OMB  
Number: 3235-0287  
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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**KACIAN DANIEL L**

(Last) (First) (Middle)

**GEN-PROBE  
INCORPORATED, 10210  
GENETIC CENTER DRIVE**

(Street)

**SAN DIEGO, CA 92121**

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol  
**GEN PROBE INC [GPRO]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
**08/15/2007**

4. If Amendment, Date Original  
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
☒ Officer (give title below) \_\_\_\_ Other (specify below)  
Exec. VP, Chief Scientist

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
☒ Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting  
Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired<br>(A) or Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6.<br>Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|
| Common<br>Stock                       | 08/15/2007                              |                                                             | A                                       | 10,000                                                                  | A \$ 0                                                                                                             | 33,090 <sup>(1)</sup>                                                   | D                                                                 |
| Common<br>Stock                       | 08/15/2007                              |                                                             | F                                       | 974                                                                     | D \$<br>60.95                                                                                                      | 32,116                                                                  | D                                                                 |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of  
information contained in this form are not  
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SEC 1474  
(9-02)

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|
|                                            |                                                        |                                      |                                                    | Code                           | V (A) (D)                                                                               | Date Exercisable Expiration Date                         | Title Amount or Number of Shares                              |
| Employee Stock Option (Right to Buy)       | \$ 60.82                                               | 08/15/2007                           |                                                    | A                              | 25,000                                                                                  | (2) 08/15/2014                                           | Common Stock 25,000                                           |

## Reporting Owners

| Reporting Owner Name / Address                                                                 | Relationships                    |
|------------------------------------------------------------------------------------------------|----------------------------------|
|                                                                                                | Director 10% Owner Officer Other |
| KACIAN DANIEL L<br>GEN-PROBE INCORPORATED<br>10210 GENETIC CENTER DRIVE<br>SAN DIEGO, CA 92121 | Exec. VP, Chief Scientist        |

## Signatures

/s/ R. William Bowen,  
Attorney-in-Fact 08/17/2007

\_\_Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Includes shares acquired under the Gen-Probe Incorporated Employee Stock Purchase Plan as of February 28, 2007.
- (2) 25% of the shares subject to the Stock Option vest on August 15, 2008, and the remaining shares vest in equal monthly installments over the following three years.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.