ABIOMED INC Form SC 13G November 19, 2004

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.)*

ABIOMED, INC.

(Name of Issuer)

COMMON STOCK, \$0.01 PAR VALUE

(Title of Class of Securities)

003654100

(CUSIP Number)

November 19, 2004(1)

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- ý Rule 13d-1(c)
- o Rule 13d-1(d)

^{*}The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

⁽¹⁾ Genzyme Corporation previously reported its beneficial ownership of shares of ABIOMED, Inc. on Schedule 13D. This Schedule 13G is being filed as a result of a determination by Genzyme that it is eligible to report its beneficial ownership of ABIOMED shares pursuant to Rule 13d-1(c).

CUSIP No. 003654100

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Genzyme Corporation (IRS Identification No. 06-1047163)		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)		

Not applicable.
(a) o
(b) o

3. SEC Use Only

4. Citizenship or Place of Organization Massachusetts

5. Sole Voting Power 2,307,692 Number of Shares 6. Shared Voting Power Beneficially Owned by Each 7. Sole Dispositive Power Reporting 2,307,692 Person With 8. Shared Dispositive Power

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 2,307,692
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o Not applicable.
- 11. Percent of Class Represented by Amount in Row (9) 10.6%
- 12. Type of Reporting Person (See Instructions) CO

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Item 1.				
	(a)	Name of Issuer		
		ABIOMED, Inc.		
	(b)	Address of Issuer s Principal Executive Offices		
		22 Cherry Hill Drive, Danvers, MA 01923		
Item 2.				
1tcm 2.	(a)	Name of Person Filing		
	(u)	Genzyme Corporation		
	(b)	Address of Principal Business Office or, if none, Residence		
	(-)	500 Kendall Street, Cambridge, MA 02142		
	(c)	Citizenship		
		Genzyme Corporation is a Massachusetts corporation.		
	(d)	Title of Class of Securities		
		Common Stock, \$0.01 par value per share		
	(e)	CUSIP Number		
		003654100		
Item 3.	If this statement is	Flod nurquent to 88240 12d 1/	(h) on 240 12d 2(h) on (a) cheek whether the person filing is as	
item 3.	If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a: Broker or dealer registered under section 15 of the Act (15 U.S.C.			
	(a)	0	780).	
	(b)	0	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).	
	(a)		Insurance company as defined in section 3(a)(19) of the Act (15	
	(c)	0	U.S.C. 78c).	
	(d)	О	Investment company registered under section 8 of the Investment	
			Company Act of 1940 (15 U.S.C 80a-8).	
	(e)	o	An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);	
	(f)	0	An employee benefit plan or endowment fund in accordance with \$240.13d-1(b)(1)(ii)(F);	
	(g)	0	A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);	
	(h)	0	A savings associations as defined in Section 3(b) of the Federal	
	()		Deposit Insurance Act (12 U.S.C. 1813);	
	(i)	O	A church plan that is excluded from the definition of an investment	
			company under section 3(c)(14) of the Investment Company Act of	
			1940 (15 U.S.C. 80a-3);	
	(j)	o	Group, in accordance with §240.13d-1(b)(1)(ii)(J).	
Not applicable.				

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Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

2.307.692

(b) Percent of class:

10.6%

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote

2,307,692

(ii) Shared power to vote or to direct the vote

0

(iii) Sole power to dispose or to direct the disposition of

2,307,692

(iv) Shared power to dispose or to direct the disposition of

0

Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following o.

Not applicable

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent

Holding Company or Control Person

Not applicable

Item 8. Identification and Classification of Members of the Group

Not applicable

Item 9. Notice of Dissolution of Group

Not applicable

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: November 19, 2004 GENZYME CORPORATION

By: /s/ Peter Wirth
Peter Wirth
Executive Vice President, Chief

Legal Officer and Secretary

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Signature 6