

MULLEN JAMES C  
 Form 4  
 February 15, 2007

**FORM 4**

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 MULLEN JAMES C

2. Issuer Name and Ticker or Trading Symbol  
 BIOGEN IDEC INC [BIIB]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 14 CAMBRIDGE CENTER

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 02/13/2007

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 CEO & President

(Street)  
 CAMBRIDGE, MA 02142

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

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

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/13/2007		A	V	70,000 A \$ 0 <sup>(1)</sup>	116,458	D
Common Stock	02/13/2007		A	V	100,000 A \$ 0 <sup>(1)</sup>	216,458	D
Common Stock	02/13/2007		F	D	\$ 49.17	174,708	D
Common Stock						44,252	I by GRATS

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

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(9-02)

**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 Security (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount Number of Shares
Stock Option (right-to-buy) <sup>(2)</sup>	\$ 49.17	02/13/2007		A	210,000	<sup>(3)</sup> 02/12/2017	Common Stock 210,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MULLEN JAMES C 14 CAMBRIDGE CENTER CAMBRIDGE, MA 02142	X		CEO & President	

## Signatures

By: Robert Licht attorney-in-fact for: James C. Mullen  
Date: 02/15/2007

\*\*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) Restricted Stock Units that were granted as an award for no consideration. Each Restricted Stock Unit represents the right to receive one share of BIIB common stock.
- (2) Granted under one of the Issuer's stock option plans, in an exempt transaction under SEC Rule 16(b)-3(d).
- (3) The stock option becomes exercisable in four (4) equal annual installments, commencing one year after the grant date of 02/13/2007.

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.