FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP	OMB Number:	3235-		

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hours per response: 0.5

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Last) (First) (Middle) BIOGEN IDEC INC. 133 BOSTON POST ROAD (Street) WESTON MA 02493 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Month/Day/Year) Date (Month/Day/Year) (Month/Day/Year) 2. Transaction (Month/Day/Year) (Month/Day/Year) 2. Transaction (Month/Day/Year) (Month/Day/Year) 2. Transaction (Month/Day/Year) (City) (State) (Zip) Table I - Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of Security (Instr. 3) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 3) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 3) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 3) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 3) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 3) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 3) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 4) Table II - Derivative Securiti	Name and Address of Reporting Person* MacLean Michael F						2. Issuer Name and Ticker or Trading Symbol BIOGEN IDEC INC. [BIIB]									Check	all app	olicable)		Issuer Owner (specify
Street WESTON MA O2493 Street O2493 Street O2493 Street O2493 Street O2493 O	BIOGEN IDEC INC.															X	belov	v) ``	belov	v)`
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Beneficially Owned Following Reported Transaction(S) (Instr. 3 and 4) 2. Transaction Date (Beneficially Owned Following Reported Transaction(S) (Instr. 4) 2. Transaction Date (Beneficially Owned Following Reported Transaction(S) (Instr. 4) 3. Transaction Date (D) or indirect (D) or	(Street) WESTON MA 02493					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									X Form filed by One Reporting Person Form filed by More than One Reporting				
Date (Month/Day/Year) Execution Date, if any (Month/Day/Year) Execution Date (Month/Day/Year																				
Common Stock 10/01/2010 F 953 D \$56.53 10,681.4773 D Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Securities Of Derivative Securities (Instr. 3) (Instr. 3) (Instr. 3) Amount (A) or (D) Price (Instr. 3 and 4) F 953 D \$56.53 10,681.4773 D Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Securities (Month/Day/Year) (Instr. 3) (Instr. 3) Amount Amount 7. Title and Amount of Securities (Month/Day/Year) Securities Underlying Derivative Securities (Instr. 4) (Instr. 4) Amount Amount	Date					Execu ay/Year) if any		Execution Date, if any		Transaction Disposed Code (Instr. 5)					4 and Secu Bene Own		ties cially I Following	Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
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 (Instr. 3) 4. Transaction Date Execution Date, if any (Month/Day/Year) (Instr. 3) 4. Transaction Date Exercisable and Expiration Date (Month/Day/Year) (Month/Day/Year) 4. Transaction Date Expiration Date (Month/Day/Year) (Month/Day/Year) (Instr. 3) Amount Amount Amount Amount Amount Amount Amount										v	Amount			Price	- 1	Transa	ction(s)		(11150.1.4)	
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Explanation of Responses:

<u>Aras Lapinskas, Attorney in</u> <u>Fact for Michael F. MacLean</u>

10/04/2010

** Signature of Reporting Person

Date

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

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.