

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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or Section 30(h) of the Investment Company Act of 1940

|   |   |   |  |
|---|---|---|--|
| 1. Name and Address of Reporting Person*<br><u>Gagnon Robert E.</u>               | 2. Date of Event Requiring Statement (Month/Day/Year)<br>11/03/2010 | 3. Issuer Name and Ticker or Trading Symbol<br><u>BIOGEN IDEC INC. [ BIIB ]</u>   |  |
|   |   | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>Chief Acct Officer VP &amp; Contr</u> | 5. If Amendment, Date of Original Filed (Month/Day/Year)<br>11/10/2010 |
| (Last) (First) (Middle)<br><u>BIOGEN IDEC INC.</u><br><u>133 BOSTON POST ROAD</u> |   | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person   |  |
| (Street)<br><u>WESTON MA 02493</u>  |   |   |  |
| (City) (State) (Zip)  |   |   |  |

## Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| <u>Common Stock</u>             | <u>13,573<sup>(1)</sup></u>                           | <u>D</u>   |   |

## Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) |                            | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|----------------------------|--|--|---|
|  | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |  |  |   |
|  |  |                 |   |                            |  |  |   |

## Explanation of Responses:

1. 796 shares were inadvertently omitted from the reporting person's original Form 3, and also were omitted from all subsequent Forms 4 filed by the reporting person to date.

Aras Lapinskas, Attorney in  
Fact for Robert E. Gagnon 01/07/2011

\*\* 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 5 (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.