BIOGEN IDEC INC Form SC 13G/A January 05, 2006

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934
(AMENDMENT NO. 8)*

Biogen Idec Inc.
(Name of Issuer)
Common Stock
(Title of Class of Securities)
09062X-10-3
(CUSIP Number)
December 31, 2005
(Date of Event Which Requires Filing of this Statement)

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

/X/ Rule 13d-1(b) // Rule 13d-1(c) // 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).

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SCHEDULE 13G

(1) NAMES OF REPORTING PE	RSONS NOS. OF ABOVE PERSONS (ENTITIES ONLY)	
Citigroup Global Mark	ets Inc.	
(2) CHECK THE APPROPRIATE	BOX IF A MEMBER OF A GROUP (SEE INSTRUCT	CIONS)
		(a) // (b) //
(3) SEC USE ONLY		
(4) CITIZENSHIP OR PLACE	OF ORGANIZATION	Delaware
NUMBER OF	(5) SOLE VOTING POWER	0
SHARES		
BENEFICIALLY	(6) SHARED VOTING POWER	4,697,585*
OWNED BY		**
EACH	(7) SOLE DISPOSITIVE POWER	0
REPORTING		
PERSON	(8) SHARED DISPOSITIVE POWER	4,697,585*
WITH:		**
(9) AGGREGATE AMOUNT BENEF	ICIALLY OWNED BY EACH REPORTING PERSON	4,697,585* **
(10) CHECK IF THE AGGREGAT INSTRUCTIONS) / /	E AMOUNT IN ROW (9) EXCLUDES CERTAIN SHAF	RES (SEE
(11) PERCENT OF CLASS REPR	ESENTED BY AMOUNT IN ROW (9)	1.4%*
(12) TYPE OF REPORTING PER	SON (SEE INSTRUCTIONS)	BD
Markets Inc. to Legg Ma	e Asset Management division of Citigroup son, Inc. effective as of December 1, 200 al Markets Inc., Citigroup Financial Proc	5 (the

Citigroup Global Markets Holdings Inc. and Citigroup Inc. (collectively, the "Reporting Persons") beneficially owned more than 5% of the Issuer's securities. Upon completion of the Sale, the Reporting Persons no longer beneficially owned more than 5% of the Issuer's securities.

** Assumes conversion/exercise of certain securities held.

SCHEDULE 13G

CUSIP NO. 0906X-10-3	P	Page 3 of 9 Pages
(1) NAMES OF REPORTING I.R.S. IDENTIFICATI	PERSONS ON NOS. OF ABOVE PERSONS (ENTITIES ONL	Y)
Citigroup Financial	Products Inc.	
(2) CHECK THE APPROPRIA	TE BOX IF A MEMBER OF A GROUP (SEE INS	TRUCTIONS)
		(a) / / (b) / /
(3) SEC USE ONLY		
(4) CITIZENSHIP OR PLAC	E OF ORGANIZATION	Delaware
NUMBER OF	(5) SOLE VOTING POWER	C
SHARES		
BENEFICIALLY	(6) SHARED VOTING POWER	5,433,889* **
OWNED BY		
EACH	(7) SOLE DISPOSITIVE POWER	C
REPORTING		
PERSON	(8) SHARED DISPOSITIVE POWER	5,433,889* **
WITH:	EFICIALLY OWNED BY EACH REPORTING PERS	 SON 5,433,889*
		**
	ATE AMOUNT IN ROW (9) EXCLUDES CERTAIN	 SHARES (SEE
INSTRUCTIONS) //		

(11) PERCENT OF CLASS F	REPRESENTED BY AMOUNT IN ROW (9)	1.6%* **
(12) TYPE OF REPORTING	PERSON (SEE INSTRUCTIONS)	нс
the Issuer's securit no longer beneficial	the Reporting Persons beneficially owner ties. Upon completion of the Sale, the Buly owned more than 5% of the Issuer's exercise of certain securities held.	Reporting Persons
	SCHEDULE 13G	
CUSIP NO. 09062X-10-3	1	Page 4 of 9 Pages
(1) NAMES OF REPORTING I.R.S. IDENTIFICAT	G PERSONS TION NOS. OF ABOVE PERSONS (ENTITIES ON)	 LY)
Citigroup Global N	Markets Holdings Inc.	
(2) CHECK THE APPROPRI	TATE BOX IF A MEMBER OF A GROUP (SEE IN:	STRUCTIONS)
		(a) / / (b) / /
(3) SEC USE ONLY		
(4) CITIZENSHIP OR PLA	ACE OF ORGANIZATION	New York
NUMBER OF	(5) SOLE VOTING POWER	
SHARES		
BENEFICIALLY	(6) SHARED VOTING POWER	5,458,788*
OWNED BY		**
EACH	(7) SOLE DISPOSITIVE POWER	0
REPORTING		
PERSON	(8) SHARED DISPOSITIVE POWER	5,458,788* **
WITH:		**
(a) ACCRECATE AMOUNT RE	PRETICIALLY OWNED BY FACE DEDODTING DED	

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(10) CHECK IF THE AGGREGA INSTRUCTIONS) / /	ATE AMOUNT IN ROW (9) EXCLUDES C	ERTAIN SHARES (SEE
(11) PERCENT OF CLASS REP	PRESENTED BY AMOUNT IN ROW (9)	1.6%* **
		**
(12) TYPE OF REPORTING PH	ERSON (SEE INSTRUCTIONS)	HC
the Issuer's securitien no longer beneficially	e Reporting Persons beneficially es. Upon completion of the Sale, owned more than 5% of the Issuercise of certain securities hel	the Reporting Persons er's securities.
	SCHEDULE 13G	
CUSIP NO. 09062X-10-3		Page 5 of 9 Pages
(1) NAMES OF REPORTING F	PERSONS ON NOS. OF ABOVE PERSONS (ENTITI	ES ONLY)
Citigroup Inc.		
(2) CHECK THE APPROPRIAT	TE BOX IF A MEMBER OF A GROUP (S	EE INSTRUCTIONS)
		(a) / / (b) / /
(3) SEC USE ONLY		
(4) CITIZENSHIP OR PLACE	E OF ORGANIZATION	 Delaware
NUMBER OF	(5) SOLE VOTING POWER	0
SHARES		
BENEFICIALLY	(6) SHARED VOTING POWER	5,564,919*
OWNED BY		**
EACH	(7) SOLE DISPOSITIVE POWER	0
REPORTING		
PERSON	(8) SHARED DISPOSITIVE POWER	5,564,919*

WITH:	:	**
(9) AGGREGATE	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	5,564,919* ** **
	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHAR	ES (SEE
(11) PERCENT	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	1.6%* **
(12) TYPE OF	REPORTING PERSON (SEE INSTRUCTIONS)	НС
the Issue no longer ** Assumes o	the Sale, the Reporting Persons beneficially owned morer's securities. Upon completion of the Sale, the Report beneficially owned more than 5% of the Issuer's securitory conversion/exercise of certain securities held. shares held by other reporting persons.	ting Persons
Item 1(a).	Name of Issuer:	
	Biogen Idec Inc.	
Item 1(b).	Address of Issuer's Principal Executive Offices:	
	14 Cambridge Center Cambridge, MA 02142	
Item 2(a).	Name of Person Filing:	
	Citigroup Global Markets Inc. ("CGM") Citigroup Financial Products Inc. ("CFP") Citigroup Global Markets Holdings Inc. ("CGM Holding Citigroup Inc. ("Citigroup")	s")
Item 2(b).	Address of Principal Office or, if none, Residence:	
	The address of the principal office of each of CGM, Holdings is:	CFP and CGM
	388 Greenwich Street New York, NY 10013	
	The address of the principal office of Citigroup is:	
	399 Park Avenue New York, NY 10043	
Item 2(c).	Citizenship or Place of Organization:	

CGM and CGM Holdings are New York corporations.

CFP and Citigroup are Delaware corporations.

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

09062X-10-3

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- Item 3. If This Statement is Filed Pursuant to Sections 240.13d-1(b) or 240.13d-2(b) or (c), Check Whether the Person Filing is a(n):
 - (a) [X] Broker or dealer registered under Section 15 of the Act (15 U.S.C. 780);
 - (b) [] Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c);
 - (c) [] Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c);
 - (d) [] Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
 - (e) [] Investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E);
 - (f) [] Employee benefit plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F);
 - (g) [X] Parent holding company or control person in accordance with Section 240.13d-1(b)(1)(ii)(G);
 - (h) [] Savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
 - (i) [] 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) [] Group, in accordance with Section 240.13d-1(b)(1)(ii)(J).
- Item 4. Ownership. (as of December 31, 2005)
 - (a) Amount beneficially owned: See item 9 of cover pages
 - (b) Percent of Class: See item 11 of cover pages
 - (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote:
 - (ii) Shared power to vote or to direct the vote:

- (iii) Sole power to dispose or to direct the disposition of:
- (iv) Shared power to dispose or to direct the disposition of:

See Items 5-8 of cover pages

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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 [X].

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.

CFP is the sole stockholder of CGM. CGM Holdings is the sole stockholder of CFP. Citigroup is the sole stockholder of CGM Holdings.

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

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Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

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.

Dated: January 5, 2006

CITIGROUP GLOBAL MARKETS INC.

By: /s/ Ali L. Karshan

Name: Ali L. Karshan Title: Assistant Secretary

CITIGROUP FINANCIAL PRODUCTS INC.

By: /s/ Ali L. Karshan

Name: Ali L. Karshan Title: Assistant Secretary

CITIGROUP GLOBAL MARKETS HOLDINGS INC.

By: /s/ Ali L. Karshan

Name: Ali L. Karshan Title: Assistant Secretary

CITIGROUP INC.

By: /s/ Ali L. Karshan

Name: Ali L. Karshan Title: Assistant Secretary

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EXHIBIT INDEX TO SCHEDULE 13G

EXHIBIT 1

Agreement among CGM, CFP, CGM Holdings and Citigroup as to joint filing of Schedule 13G.