ZOGENIX, INC.

Form 3

November 22, 2010

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

OMB APPROVAL

OMB Number:

3235-0104

Expires:

response...

January 31, 2005

0.5

Estimated average burden hours per

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

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 *

MAST ERLE T

(Last)

(First)

(Middle)

Statement

(Month/Day/Year)

11/22/2010

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

ZOGENIX, INC. [ZGNX]

(Check all applicable)

4. Relationship of Reporting Person(s) to Issuer

5. If Amendment, Date Original

Filed(Month/Day/Year)

C/O ZOGENIX, INC., 12671 HIGH BLUFF DR., SUITE 200

(Street)

X Director Officer

10% Owner Other (give title below) (specify below)

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

Person

Form filed by More than One

Reporting Person

4. Nature of Indirect Beneficial

SAN DIEGO, CAÂ 92130

(City) (State)

1. Title of Security (Instr. 4)

(Zip)

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership Form:

Table I - Non-Derivative Securities Beneficially Owned

Ownership (Instr. 5)

Direct (D) or Indirect (I) (Instr. 5)

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

SEC 1473 (7-02)

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 control number.

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)

Conversion or Exercise Price of

5. Ownership Form of Derivative Security:

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Date Exercisable Expiration Date

Title

Amount or Number of Shares

Derivative Security Direct (D) or Indirect

(I)

						(Instr. 5)	
Director Stock Option (right to buy)	(1)	10/20/2018	Common Stock	10,000	\$ 3.5	D	Â
Director Stock Option (right to buy)	(2)	08/31/2019	Common Stock	1,750	\$ 2.5	D	Â
Director Stock Option	(3)	05/29/2020	Common Stock	1,750	\$ 4	D	Â

Reporting Owners

Reporting Owner Name / Address		Relationships		
	Director	10% Owner	Officer	Other
MAST ERLE T				
C/O ZOGENIX, INC.	â v	Â	Â	â
12671 HIGH BLUFF DR., SUITE 200	АЛ	Α	А	Α
SAN DIEGO, CA 92130				

Signatures

/s/ Trisha Millican, Attorney-in-fact

**Signature of Reporting Person Da

Explanation of Responses:

- * 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).
- (1) The Option was granted on October 21, 2008 and was fully vested and immediately exercisable upon the date of grant, in whole or in part, at the election of the holder.
- (2) The Option was granted on September 1, 2009 and vests in a series of twelve (12) successive, equal monthly installments beginning on the date of grant, subject to the Reporting Person's continued service as a director on each such vesting date.
- (3) The Option was granted on May 30, 2010 and vests in a series of twelve (12) successive, equal monthly installments beginning on the date of grant, subject to the Reporting Person's continued service as a director on each such vesting date.

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.

Reporting Owners 2