SEC Form 4	
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(Last)

(City)

## FORM 4

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

OMB APPROVAL

3235-0287

0.5

	Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 Estimated average burden hours per response:   brting Person* 2. Issuer Name and Ticker or Trading Symbol TARGACEPT INC [ TRGT ] 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director   10% Owner 10% Owner						
Check this box if no longer subject to Section 16. Form 4 or Form 5	IP		ed average burden er response: Person(s) to Issuer 10% Owner Other (specify				
obligations may continue. See Instruction 1(b).	Filed				hours per respo	nse:	
1. Name and Address of Reporting Person <sup>*</sup> <u>Hicks Karen A</u>		8,9		ck all applicable)			
			х	Officer (giv below)	e title	Other (specify below)	

05/04/2012

### **VP** Human Resources

6. Individual or Joint/Group Filing (Check Applicable

Form filed by One Reporting Person

Form filed by More than One Reporting Person

Line) X Ir

200 EAST	FIRST	STREET,	SUITE	300

C/O TARGACEPT, INC.

(First)

(Middle)

(Zip)

(Street)		
WINSTON- SALEM	NC	27101

(State)

# Table L- Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

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

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

Table I - Noi	Table 1 - 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. Transa Code ( 8)		Disposed Of	Disposed Of (D) (Instr. 3, 4 and 5) Benefi Owned		5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code	v	Amount (A) or Price		Price	Transaction(s) (Instr. 3 and 4)		(11150.4)		

### 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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code ( 8)		of Derivati Securiti Acquire (A) or Dispose of (D) (II	Derivative (Month/Day/Year) Securities Acquired		ation Date of Securities		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to Buy)	\$4.59	05/04/2012		A		60,000		(1)	05/03/2022	Common Stock	60,000	\$0	60,000	D	

**Explanation of Responses:** 

1. This option vests in equal installments on the last day of 16 consecutive calendar quarters beginning with June 30, 2012.

**Remarks:** 

### /s/ Peter A. Zorn, Attorney-in-Fact for Karen A. Hicks

05/08/2012

\*\* Signature of Reporting Person

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.

Date