

Honig Barry C  
Form SC 13G  
June 04, 2010

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. )\*

CHROMADEX CORPORATION  
(Name of Issuer)

Common Stock  
(Title of Class of Securities)

171077100  
(CUSIP Number)

May 28, 2010  
(Date of Event which Requires Filing of this Statement)

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

- 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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CUSIP No. 171077100 13G Page 2 of 4 Pages

1 NAME OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
(ENTITIES ONLY)  
Barry Honig

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A  
GROUP\*

(a)  
  
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
United States of America

5 SOLE VOTING POWER  
2,857,142

NUMBER OF 6 SHARED VOTING POWER  
SHARES 2,321,428 (1)  
BENEFICIALLY

OWNED BY 7 SOLE DISPOSITIVE POWER  
EACH 2,857,142  
REPORTING  
PERSON WITH

8 SHARED DISPOSITIVE POWER  
2,321,428 (1)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY  
EACH REPORTING PERSON

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9)  
EXCLUDES CERTAIN SHARES\*

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN  
ROW (9)  
9.0 % (2)

12 TYPE OF REPORTING PERSON\*  
In - Individual

(1)Represents shares of common stock held by GRQ Consultants, Inc. 401(K) FBO Renee Honig of which the reporting person's wife is the trustee and the reporting person is deemed the beneficial owner.

(2)

Based on 57,789,614 shares.

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that purpose or effect.

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CUSIP No. 171077100

13G Page 4 of 4 Pages

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.

Date: June 4, 2010

/s/ Barry Honig  
Barry Honig

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