

Protalix BioTherapeutics, Inc.  
Form 8-K  
September 08, 2009

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

**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of  
the Securities Exchange Act of 1934**

**Date of Report (Date of Earliest Event Reported): September 8, 2009**

**Protalix BioTherapeutics, Inc.  
(Exact name of registrant as specified in its charter)**

**Florida  
(State or other jurisdiction  
of incorporation)**

**000-33357  
(Commission File Number)**

**65-0643773  
(IRS Employer  
Identification No.)**

**2 Snunit Street  
Science Park, POB 455  
Carmiel, Israel  
(Address of principal executive  
offices)**

**20100  
(Zip Code)**

**Registrant's telephone number, including area code +972-4-988-9488  
(Former name or former address, if changed since last report.)**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 8.01. Other Events**

On September 8, 2009, Protalix BioTherapeutics, Inc. (the Company ) issued a press release announcing that it has received notice from the U.S. Food and Drug Administration (FDA) that the FDA's Office of Orphan Products Development has granted orphan drug designation to prGCD, the Company's proprietary plant cell expressed recombinant form of glucocerebrosidase (GCD) for the treatment of Gaucher disease. A copy of the press release is attached hereto as Exhibit 99.1.

**Item 9.01. Financial Statements and Exhibits**

**(d) Exhibits**

99.1 Press release dated September 8, 2009.

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**PROTALIX BIOTHERAPEUTICS, INC.**

Date: September 8, 2009

By: /s/ David Aviezer  
Name: David Aviezer,  
Ph.D. Title: President and Chief  
Executive Officer

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