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

FORM 8-A

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR (g) OF
THE SECURITIES EXCHANGE ACT OF 1934**

ATHENEX, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State of incorporation or organization)

43-1985966
(I.R.S. Employer Identification No.)

1001 Main Street, Suite 600 Buffalo, NY
(Address of principal executive offices)

14203
(Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act:

**Title of each class
to be so registered**
Common Stock, \$0.001 par value per share

**Name of each exchange on which
each class is to be registered**
The NASDAQ Stock Market LLC

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A. (c), check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A. (d), check the following box.

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box.

Securities Act registration statement or Regulation A offering statement file number to which this form relates:
333-217928

Securities to be registered pursuant to Section 12(g) of the Act:
None.

Item 1. Description of Registrant's Securities to be Registered.

A description of the common stock, par value \$0.001 per share, of Athenex, Inc., a Delaware corporation (the "Registrant"), to be registered hereunder is set forth under the caption "Description of Capital Stock" in the prospectus that constitutes a part of the Registrant's registration statement on Form S-1 (File No. 333-217928) initially filed with the Securities and Exchange Commission on May 12, 2017 (the "Registration Statement"), as amended by any amendments to the Registration Statement and by any form of prospectus filed pursuant to Rule 424(b) under the Securities Act of 1933, as amended, in connection with the Registration Statement. The Registration Statement, as amended, and any form of prospectus filed pursuant to Rule 424(b) under the Securities Act of 1933, as amended, that includes such description, are hereby incorporated by reference herein.

Item 2. Exhibits.

Under the "Instructions as to Exhibits" with respect to Form 8-A, no exhibits are required to be filed with this registration statement because no other securities of the Registrant are listed on The NASDAQ Stock Market LLC and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

Signature

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

ATHENEX, INC.

Date: June 12, 2017

By: /s/ J. Nick Riehle
J. Nick Riehle
Chief Financial Officer