

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
June 6, 2008**

**ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

Genzyme Corporation

File No. 000-14680 CF# 22053

Genzyme Corporation submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from Exhibits to a Form 10-Q filed on May 9, 2008.

Based on representations by Genzyme Corporation that this information qualifies as confidential commercial or financial information under the Freedom of Information Act, 5 U.S.C. 552(b)(4), the Division of Corporation Finance has determined not to publicly disclose it. Accordingly, excluded information from the following exhibits will not be released to the public for the time periods specified:

Exhibit 10.1	through February 27, 2018
Exhibit 10.2	through February 27, 2018

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority:

Pamela Howell
Special Counsel

