Claims

1. A method of producing a medium chain fatty acid by hydrolysis, the method comprising:
   (a) providing a polypeptide with at least 90% degree of identity to SEQ ID No. 3; and
   (b) contacting the polypeptide with a medium chain fatty acid ester and water to produce the medium chain fatty acid, wherein the medium chain fatty acid ester is a monoester, the medium chain fatty acid ester is at least one selected from a caprylate ester, a caprate ester, and a laurate ester and the medium chain fatty acid has an acid value of at least 320.

2. The method according to claim 1, wherein the medium chain fatty acid ester is a combination of the caprylate ester and the caprate ester.

3. The method according to any one of claims 1 to 2, wherein the contacting step is performed under at least one of the following conditions:
   (a) a temperature of 20 °C to 70°C;
   (b) a pH of 3 to 9;
   (c) reacting the medium chain fatty acid ester with the polypeptide is performed at a pressure of 100 mbar and lower.

4. The method according to any one of claims 1 to 3, wherein the polypeptide is present in a concentration of 30 ppm or greater.

5. The method according to any one of claims 1 to 4, wherein the polypeptide has at least 95% degree of identity to the SEQ ID No. 3.

6. The method according to any one of claims 1 to 5, wherein the monoester is a methyl ester or an ethyl ester.