Creative Enzymes®

Lipase B from Candida Antarctica, Recombinant

Cat. No. NATE-0398

Lot. No. (See product label)

Introduction

Description Lipase B from Candida antarctica has been shown to be an effective catalyst for the synthesis of esters of ethyl D-glucopyranoside from fatty acids larger than octanoic acid. It has also been found to catalyze a wide variety of organic reactions including many different regio-and enantio-selective syntheses.

Applications Lipases are used industrially for the resolution of chiral compounds and the transesterification production of biodiesel.

Synonyms EC 3.1.1.3; lipase; triglyceride lipase; tributyrase; butyrinase; glycerol ester hydrolase; tributyrinase; Tween hydrolase; steapsin; triacetinase; tributyrin esterase; Tweenase; amno N-AP; Takedo 1969-4-9; Meito MY 30; Tweenesterase; GA 56; capalase L; triglyceride hydrolase; triolein hydrolase; tween-hydrolyzing esterase; amano CE; cacordase; triglyceridase; triacylglycerol ester hydrolase; amano P; amano AP; PPL; glycerol-ester hydrolase; GEH; meito Sangyo OF lipase; hepatic lipase; lipazin; post-heparin plasma protamine-resistant lipase; salt-resistant post-heparin lipase; heparin releasable hepatic lipase; amano CES; amano B; tributyrase; triglyceride lipase; liver lipase; hepatic monoacylglycerol acyltransferase; 9001-62-1

Product Information

Species Candida Antarctica

Source Aspergillus oryzae

Form powder, beige

EC Number EC 3.1.1.3

CAS No. 9001-62-1

Activity ~9 units/mg

Unit Definition 1 U corresponds to the amount of enzyme which liberates 1 µmol butyric acid per minute at pH 8.0 and 40°C.

Storage and Shipping Information

Storage 2-8°C