

## 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  $\mu$ mol butyric acid per minute at pH 8.0 and 40°C.

### Storage and Shipping Information

**Storage** 2-8°C