

# Lipase A from *Candida Antarctica*, Recombinant

Cat. No. NATE-0397

Lot. No. (See product label)

## Introduction

**Description** Lipase A from *Candida Antarctica* catalyzes hydrolysis of tertiary alcohols to form glycerol and fatty acids and shows selectivity for the N-acylation of  $\beta$ -amino esters.

**Synonyms** EC 3.1.1.3; lipase; triglyceride lipase; tributyrase; butyrylase; glycerol ester hydrolase; tributyrinase; Tween hydrolase; steapsin; triacetinase; tributyrin esterase; Tweenase; amano 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** ~2 units/mg

**Unit** 1 U corresponds to the amount of enzyme which liberates 1  $\mu$ mol oleic acid per minute at pH 8.0 and 40°C; 1 U as described above is equivalent to ~0.15 U using trybutyrine, as substrate, at pH 8.0 and 70°C

## Storage and Shipping Information

**Storage** 2-8°C